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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., May --Leo C. Fay, president of the International Reading Association and professor of elementary education at Indiana University, will be the main speaker May 12-13 at a regional meeting of the Illinois Council of IRA on the Carbondale Campus of Southern Illinois University.

The event is sponsored by the Council, the SIU College of Education and the Lectures and Entertainment Committee.

Fay is a reading consultant and author of numerous articles and papers for professional journals. He is the recipient of the Herman Frederick Lieber Award for distinguished classroom teaching at Indiana. Currently he is developing a basic reading program which is expected to be published soon.

Southern Illinois school administrators and teachers of reading, English or the language arts are invited to attend the sessions which begin Monday morning (May 12) at 10 a.m. in SIU's Morris Library Auditorium. The first day's program will be devoted to administrators. Tuesday's sessions begin at 10 a.m. in Davis Auditorium of Wham Education Bldg. and are designed for classroom teachers.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., May --Mildred B. Davis, field service coordinator of the American Home Economics Association, will be a speaker at Southern Illinois University's Carbondale Campus May 7, at 7:30 p.m. in the Home Economics Building auditorium.

Miss Davis' address is sponsored by the School of Home Economics, the campus chapter of AHEA, and Kappa Omicron Phi, honor society, with assistance from the University Coordinator of Special Programs.

It is open to the public, but special invitations are extended to the Southern Illinois Dietetic Association (composed of area hospital dietitians) and the area Home Economists in Homemaking organization.

A buffet honoring Miss Davis will be held in the Family Living Laboratory at 6:30 p.m.

New officers of the AHEA chapter will be installed and special recognition will be given to home economics winners of awards and scholarships.

Miss Davis has been connected with AHEA since 1943, serving in various editorial and administrative positions.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
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CARBONDALE, ILL., May --Most teenagers and college students are law abiding and seriously devoted to learning, despite the fact that a small lawless minority gets all the headlines, an Illinois Supreme Court justice told his audience Thursday (May 1) at Southern Illinois University at Carbondale.

Judge Byron O. House of Nashville, a member of the high court since 1957, was the main speaker at "Law Day U.S.A." ceremonies on the SIU Campus. The event was attended by a large gathering of lawyers and judges of the nine-county Illinois First Judicial Circuit, university faculty and students, and area high school students.

Expressing confidence in today's youth, Justice House said: "On the whole they are pretty nice people and voice their protests within reasonable bounds. It is my hope that they will stay on their side of the fence rather than join the tiny but vociferous minority devoted to violence and destruction."

The jurist pointed out that free and open discussion and the right of dissent are traditional American concepts which must be preserved, but he warned that "legitimate protest ends where lawlessness begins."

Warning against allowing a small group of people to intimidate those in authority who are legally chosen to carry out the law, Justice House remarked: "It is a strange anomaly that those who break our laws with impunity, even to the point of suggesting a change in our democratic form of government by force, cry out for due process protection under the very laws which they violate and would destroy."

He admonished his listeners not to allow themselves to be terrorized by campus revolutionaries, saying "it is time for school administrators to have the backbone to stand up against that kind of violence."

In introducing the speaker, SIU Chancellor Robert W. MacVicar expressed the hope that the celebration would mark the beginning of an annual observance of Law Day on the SIU Campus.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
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Phone: (618) 453-2276

CARBONDALE, ILL., May --Recognition for unusually high scholastic achievement will be given to some 600 Southern Illinois University at Carbondale undergraduates at the annual Honors Day Convocation May 15 in the SIU Arena.

The awards ceremony will begin at 7:30 p.m. and will include an address to the Honors students by C. Addison Hickman, Vanderveer Professor of Economics at the University.

Recipients of special awards, prizes and scholarships given during the school year also will be recognized as part of the program. A reception for students, their families and friends will be held afterwards on the Arena concourse.

To be eligible for Honors recognition, freshmen and sophomores must have maintained a 4.5 cumulative grade point average for all studies. The top of the grade scale is 5.0. The standard for junior and senior Honors is a 4.25 over-all average.

All Honors students will be recognized by name and will be presented citations.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
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CARBONDALE, ILL., May --The gooney birds of Midway Island may look clumsy on landing, comical on the nest, and reckless on take-off, but they may be the greatest navigators the animal world has ever known.

Included in the losing competition would be man himself.

That's the conclusion of Harvey I. Fisher, a scientist who has studied goonies firsthand for the past 10 years. He is now convinced that the great soaring albatrosses of the Pacific may possess navigational equipment far more sophisticated than the most compact, satellite-linked "black boxes" devised by man.

His conclusions are based on the returns from a series of experiments he conducted between 1961 and 1969 at Midway, long a battleground between the U.S. Navy, with its air and radar operations, and the goonies with their child-rearing operations.

The Navy is a late-comer but goonies--Laysan albatrosses--have nested at Midway since far back in time.

The tests involved a series of "transplant" maneuvers--switching young goonies from their nests at Sand Island to outlying atolls in the Hawaiian chain. The hope was that they would learn to fly at the substitute sites, then come back there when they reached adulthood and breeding age, six to eight years later.

Instead, they are now returning unerringly to the exact spot where they were hatched, right back in the Navy's hair at the Sand Island base of Midway.

There was one dramatic exception but Fisher said in general the repatriation experiment was a failure. "But the failure, plus the exception, has brought out some astonishing facts," he said in reporting his work at the annual Sigma Xi Leo Kaplan Memorial Lecture Tuesday (April 29) at SIU's Carbondale Campus, where he is chairman of the zoology department.

"In a jiggerful of brain matter, the Laysan albatross appears to have all the essentials of a computer memory bank, a chronometer, a sextant and a calendar," Fisher said.

(MORE)

Birds in the 1961 experiments, some of whom had been put in closed boxes and barges and moved 100 miles away, are zeroing in on the original nest sites they last saw at five months of age.

Fisher had cleared nests, leveled them, and removed all identifying characteristics around them, but the goonies are coming back to them nevertheless. The old ones, who return annually to breed, home in with astonishing accuracy to within a foot of the original nest.

Young adults, including those in the experiments, are setting down sometimes within 30 or 40 feet of their birthplaces. None have been found at the transplant colonies. (Young birds begin visiting Midway as early as two years of age, but mainly they soar about the outer reaches of the Pacific until old enough to breed.)

Fisher said airplane pilots navigating by celestial bodies are happy to wind up within sight of a destination, 20 miles or so. Shipboard navigators usually are content with a final correction of a quarter to a half mile.

"It wouldn't be considered unusual for the albatrosses to locate the island, but to locate a nest site with such pinpoint accuracy, after five or seven years, after covering a trackless ocean, and after old landmarks have been erased, is almost unbelievable," Fisher said.

Some of the birds moved as infants were transported in barges open to the sun. Fisher said they could have retraced their pathway to the birthplace by celestial sighting.

"But the ones transplanted in closed cartons would have had to take a sighting before they were moved, then another one when they were released, and would have needed a memory bank 'chart' of the two positions in regard to celestial markers."

Also:

--They'd have to have some avian equivalent of a sextant (and there are structures in the eye that cast shadows on the retina);

--They'd have to have a mental calendar, because the pattern of celestial "fixes" changes with the seasons;

(MORE)

--They'd have to have a built-in clock because fixed positions also change with the time of day.

The exception in the experimental series was two groups of goonies only a month old, 100 in nests on Eastern Island and 100 on Sand. Fisher switched them, and foster parents accepted them readily. That was in 1965.

Seven of the Eastern birds have been spotted this year at the foster homes on Sand. Unlike the other test groups, they seem to have been fooled. However, they were four months younger when they were moved--mere babies. Fisher thinks that shows that the "navigational imprinting" takes place sometime between the time a gooney is one month and five months of age.

As a practical attempt to lure the goonies away from Sand Island and the Navy, where they seem bent on self-destruction, the relocation effort flopped.

Fisher, however, sees scientific pay-off in the studies. Besides the physical findings about albatross navigation, he discovered something else about gooney behavior.

He switched eggs between the nests of Laysan albatrosses (white goonies) and their cousins, the black footed albatross. Even though the begging behavior of the young is as different as English and Swahili, the newly-hatched orphans got fed and taken care of. That was in 1962.

So now Fisher wants to check out something else about the mysterious birds when he returns to Midway this fall. They'll be coming back to breed. Will the now-grown black foots think they're white goonies? Will they try to mate with birds of a different color? Will their environmental backgrounds override genetic influences?

It could have a bearing on the future of both species.

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From University News Services
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Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., May ---Processing and marketing products made from low grade hardwood timber will be the theme of discussions and local tours Tuesday (May 13) at the Midwest Section meeting of the Forest Products Research Society in Carbondale. Hosts for the meeting will be the Southern Illinois University Forestry Department and the Carbondale Unit of the North Central Forest Experiment Station on the SIU Campus. Meeting headquarters will be in the Holiday Inn of Carbondale.

The visiting forest scientists and technologists will tour the Wood Processing Pilot Plant facilities at the SIU Vocational-Technical Institute Campus near Carterville and the new Forestry Sciences Laboratory building on the SIU Carbondale Campus during the morning.

The afternoon session in the Holiday Inn will be devoted mostly to forest products research discussions by U. S. Forest Service and SIU forest scientists. Speakers will be Daniel E. Dunmire discussing uses for the residue of black walnut logging operations; Harold Stewart on comparing two methods of planing hard maple panels; Glenn Cooper and Peter Y. S. Chen on ways to improve wood drying; Edwin Kallio on forest products marketing research in the North Central States, and John Sester on how a utilization and marketing specialist can help wood processors. All are U. S. Forest Service scientists. Ali A. Moslemi, SIU associate professor of forestry, will report on his work with flakeboard made from various mixtures of hickory and cottonwood flakes.

Dunmire and Cooper are co-chairmen of local program arrangements for the meeting.

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5 - 8 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., May --A Michigan manufacturer is sending five mobile recreation units and playstreet equipment valued at \$25,000 to the recreation department at Southern Illinois University for demonstration and testing purposes in the area.

William H. Ridinger, department chairman, said the equipment will be loaned by Game Time, Inc., of Litchfield, Mich. SIU recreation students will go to Litchfield this weekend (May 9-11) to return with the equipment.

Ridinger said that the new equipment will be used to serve the Northeast section of Carbondale. However, it will first be put into operation May 17 when members of an SIU Extension Division class in recreation and department leaders help kick off week-long Frontier Days in McLeansboro. On that day the seven mobile units of the recreation department and the new units from Game Time will be set up on the McLeansboro square.

Ridinger explained that a year ago the recreation department interested Game Time, Inc., in a cooperative arrangement in which the SIU department would work out ideas for mobile units, for possible manufacture. So far, he said, the SIU concepts of its Teen Party Dance Wagon, Puppet and Marionette Show Wagon, Science and Nature Wagon, and Mobile Playground have been taken up by the company.

He said the SIU's seven-wagon caravan, called Instant Recreation, can be set up on a site in half an hour.

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From University News Services
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CARBONDALE, ILL., May --A short opera based on a James Thurber fable will be the opener for the Southern Illinois University Opera Workshop's spring concert Sunday (May 18), Marjorie Lawrence, director, has announced.

This will be the third one-act opera the workshop has produced this year, in addition to its full-scale production of Will Gay Bottje's "Altgeld" in March.

Excerpts from other operas by Mozart, Webber, Gounoud, Cilea, Donizetti, Verdi and Wagner also will be given at the spring concert, to be held in Furr Auditorium, starting at 3 p.m. The public is invited to attend. There will be no admission charge.

The short opera, entitled "The Unicorn in the Garden," with music by Russell Smith and text by Joseph Longstreth, is adapted from Thurber's "A Fable for Our Time."

The four roles in "The Unicorn" will be sung by William Wallis of Carterville (R.R. 2) as the husband; Deanna DuComb of Carlyle (891 Clinton) as the wife; Jill Echelbarger of Davenport, Iowa (943 Cimarron Dr.) as the psychiatrist; and Kenneth Guy of Chicago (7309 Constance) as the policeman.

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Date: 10/10/2023
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1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in financial reporting.

2. The second part of the document outlines the various methods used to collect and analyze data. It includes a detailed description of the sampling process and the statistical techniques employed to interpret the results.

3. The third part of the document presents the findings of the study. It shows that there is a significant correlation between the variables being studied, which supports the hypothesis of the research.

4. The fourth part of the document discusses the implications of the findings for future research and practice. It suggests that the results could be used to inform policy decisions and to guide the development of new programs and initiatives.

5. The fifth part of the document provides a conclusion and a summary of the key points. It reiterates the importance of the study and the need for further research in this area.

6. The sixth part of the document includes a list of references and a bibliography. It cites the works of other researchers in the field and provides information about the sources used in the study.

7. The seventh part of the document contains a list of appendices and a table of contents. It provides a detailed overview of the document's structure and the location of each section.

8. The eighth part of the document includes a list of figures and a list of tables. It provides a detailed overview of the visual elements used in the study and the data presented in the tables.

9. The ninth part of the document contains a list of footnotes and a list of references. It provides additional information about the study and the sources used in the research.

10. The tenth part of the document includes a list of appendices and a table of contents. It provides a detailed overview of the document's structure and the location of each section.

5 - 9 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
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CARBONDALE, ILL., May --Forty-nine federal and state agencies, foundations, research organizations, and industries provided more than \$8 million in grants to Southern Illinois University last year (1968) to help support 159 research and training activities.

A listing of contributors and the projects supported is brought together in the spring issue of Research and Projects Review, published by the SIU Foundation and the Office of Research and Projects.

The \$8,316,231 in grant funds ranged from \$900,000 for a federal work study program to a \$400 University of Illinois grant for a secondary school English study, from a U.S. Department of Justice allocation of \$97,234 to support correctional staff training programs to a National Pest Control \$3,000 grant for research on control of the house mouse.

Among the studies supported are a whole range of educational projects affecting handicapped, emotionally disturbed, gifted or disadvantaged children and youths; use of woods; industrial wastes; fish and wildlife; various agricultural products; use of computers; cancer research; and numerous investigations in science, the social sciences and humanities.

Both the Carbondale and Edwardsville campuses of the University have shared in these contributions for sponsored research.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
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CARBONDALE, ILL., May --Forty-one collegians from across the country have been accepted, on the basis of auditions, as singers, actors or dancers in the 1969 Summer Music Repertory Company at Southern Illinois University's Carbondale Campus.

William K. Taylor, director, said "The Summer Music Theater is basically a performing company. The staff feels that the most effective learning takes place on the stage rather than in the classroom, and in performing in a highly talented company, built around a nucleus of experienced performers."

In addition to the performing company, the SMT has a complete technical crew, designers, office staff, orchestra and costume crew.

Four productions will be presented during the 1969 summer season, each having three separate runs. The musicals are "Bye Bye Birdie," "Gypsy," "Unsinkable Molly Brown" and "Kismet."

Twenty-six members of the performing company are students on the SIU Carbondale Campus, one at the Edwardsville Campus. Others come from colleges in Maine, New York, Georgia, Minnesota, Missouri and Illinois. One is a high school senior with theater experience in a nearby college.

5 - 13 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
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CARBONDALE, ILL., May --The fourth annual Conference on Institutional Maintenance for school, industrial and commercial custodians is scheduled at Southern Illinois University June 17-18.

The workshop is conducted by the Division of Technical and Adult Education in cooperation with the SIU Physical Plant. Previously designed primarily for school custodians, the program has been broadened this year to include those employed in other types of facilities, according to SIU Adult Education Coordinator Harold F. Engelking.

Anthony Volpintesta, supervisor of operations for Unified School District I, Racine, Wis., and Randolph County Superintendent of Schools Vincent Birchler will speak at morning general sessions of the conference.

Special interest group sessions to be held include carpet and floor care, filter maintenance and window washing, supervision for lead custodians, work planning, maintenance troubleshooting, and care of athletic facilities, Engelking said.

An exhibit of maintenance equipment and products will be featured at the conference.

Total cost of the conference, including housing and meals, is \$18. Interested persons should register by June 10 with the Division of Technical and Adult Education, Southern Illinois University, Carbondale 62901.

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From University News Services
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Carbondale, Illinois
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SIU COUNTRY COLUMN
By Albert Meyer

Soil Stewardship Week is underway through the nation from Sunday through Saturday (May 11-17) and that calls for emphasizing again the urgency for preserving the soil and water resources of this country for the benefit of mankind, according to advice from Prof. Joseph P. Vavra, Southern Illinois University soil scientist.

This special observance is sponsored by the nation's Soil and Water Conservation Districts with the county districts promoting various activities to remind citizens of the importance of conserving, developing, and properly using the soil, water and related natural resources of this country so the increasing population may continue to reap its benefits. The theme of the 1969 special week is "Confronting the Issues."

One major soil stewardship goal should be to prevent the loss of precious top soil from the nation's farm land by erosion, Vavra says. Using rolling land for growing cultivated row crops without such soil retaining features as contour farming, terraces and grass waterways opens the way to excessive loss of soil by washing, the loss of soil fertility, and silting of streams and lakes. Retaining the topsoil by such practices as growing forage crops on rolling land, using minimum tillage in grain crop production, or growing forests on rough land is necessary to assure productive lands for future generations.

Another objective of stewardship is to maintain land fertility by returning to the soil through commercial fertilizers and other methods of fertilization the plant nutrients that are removed when crops are harvested. Farmers who are good stewards of the land will avoid "milking" the fertility from their fields.

Also, water, so essential to life, is in growing demand. Soil must contain moisture for plants to use the nutrients it contains. Purity of water supplies also is of growing concern to our population as pollution problems become more acute with growing misuse of the water resources. Not only is the refuse of man and animals increasingly a disposal problem, but stewardship of our water resources also calls for carefully observing tested recommendations in using chemicals, both on the farm and in urban areas, to prevent contamination of water in the lakes and streams of our land.

5 - 13 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
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COVINGTON, IND., May --An old-time celebration honoring a veteran country newspaper man and agricultural editor, Wheeler McMillen, will be held here June 7 to mark publication of McMillen's latest book, "Weekly on the Wabash."

The volume, to be published June 16 by the Southern Illinois University Press at Carbondale, is a nostalgic account of the author's ownership and editorship from 1914 through 1918 of the Covington Republican.

McMillen later went on to become associate editor in New York City of "Farm and Fireside" magazine from 1922 to 1934, editor from 1934 to 1939 of "Country Home" magazine, editor in chief of "Farm Journal" from 1939 to 1955, and vice president of Farm Journal, Inc., from 1955 to his retirement in 1963. He now lives in Anna Maria, Fla.

The day-long celebration here June 7 will include an antique car parade, a Wabash River fish fry, a style show of old and new fashions, a barber shop quartet sing, a rail splitting contest, and an ice cream social.

The author will be on hand at the Covington office of the nearby Danville (Ill.) Commercial-News to autograph copies of his book, with profits from advance sales going to the Covington Jaycees.

The history of the Covington Republican goes back 100 years. During that time its ownership has changed hands many times. The last editor was Mrs. Bess LePage. She and her husband A.A. "Tony" LePage bought the little weekly from Bert Boggs in 1948 after Boggs had combined the paper with the Covington Friend. The LePages sold their interest in 1963 to Robert Hemphill of Skokie, Ill., but Mrs. LePage remained as editor.

"Weekly on the Wabash" is part of the Southern Illinois University Press' recently-introduced series, New Horizons in Journalism. General editor of the series is Howard Rusk Long, chairman of the SIU department of journalism.

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CARBONDALE, ILL., May --An extensive collection of ceramics from the family pottery industry of San Marcos, Jalisco, Mexico, has been acquired for the Southern Illinois University Museum by anthropologist Philip C. Weigand, who has just returned from a four-month field trip to western Mexico.

"This is the only museum collection of these ceramics in the world," Weigand said.

The San Marcos pottery industry is carried on today by 11 families, all of the same name and all inter-related, just as their forefathers did it, using local clays, throwing each piece on the traditional potter's wheel, and decorating with hand-mixed colors from herbs and minerals. Most of the potters work in their own houses.

"The contemporary potters can trace their ancestry back about four generations of potters," Weigand said, "but the archaeology of the region indicates the line may go back to the late 17th century."

The present-day village of San Marcos, he said, overlies Indian ruins that are at least 2,000 years old.

This was Weigand's fifth visit to San Marcos. This time he found some 40 archaeological sites, bringing his total to some 100 Indian and 200 historic occupation sites. He also did some archival work in Etzatlan and Guadalajara and was able to identify the location of some of the early Spanish towns from old drawings, as well as an ancient lake which has since been drained.

Accompanied by his wife, Celia, Weigand also revisited the Huichol comunidad of San Sebastian, where the Weigands lived for nine months in 1966, studying the social, cultural, economic and governmental patterns of that remote and un-modernized Indian society. Mrs. Weigand devoted her attention to learning the techniques of Huichol crafts.

Weigand's Mexico trip was financed by three \$500 grants, one from SIU research funds, another from the Museum's Mesoamerican Cooperative Research Project, and the third from the Wenner-Gren Foundation of New York.

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IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 19-69 (About people, places and events in Southern Illinois, by Pete Brown of the Southern Illinois University News Services)

In the early months of the second World War many Americans believed without question one or more of the following:

--The Navy dumped three carloads of coffee in New York Harbor;

--The Army consistently threw whole sides of beef into the garbage;

--The Red Cross bundled up all those home-knit sweaters, took them to Iceland, and sold them to the shivering troops at exorbitant prices;

--Most of the butter that Americans couldn't get was being shipped to Russia, where it was used to grease guns.

All were myths, but dangerous ones. At a time when the nation needed unifying as never before, it was in danger of catastrophic division from a virulent epidemic-rumor.

As the days get longer and warmer on college campuses and in swarming city streets, lots of people in public safety places are becoming more and more conscious of rumor, an enemy that comes close to being No. 1.

As one Southern Illinois University official said: "It sometimes seems that in the spring everybody's fancy turns to fancy."

The best-known work on the psychology of rumor, the 1947 book of that title by Social Psychologists Gordon Allport and Leo Postman, doesn't cite any evidence of seasonal rumor cycles. But law officers take it for granted that rumor intensifies with social activity which in turn steps up as the sap flows more freely.

Allport and Postman advanced a formula to measure rumor waves: $R = i \times a$.

Which means: "The amount of rumor in circulation will vary with the importance of the subject to the individuals concerned times the ambiguity of the evidence pertaining to the topic at issue."

(MORE)

UNITED STATES OF AMERICA

IN SENATE,
January 10, 1910.

REPORT
OF THE

COMMISSIONER OF THE GENERAL LAND OFFICE

FOR THE YEAR 1909

AND THE PROGRESS OF THE LAND OFFICE

IN THE YEAR 1909

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In other words, for a Grade A rumor to get going, the topic has to grab the listener, and the factual information about it has to be minimal or nil.

Both ingredients were there on April 14, 1945, when President Franklin D. Roosevelt died. It was wartime and the national leader had fallen. The first radio bulletins provided the bare fact of his death.

Immediately a weird tidal wave of rumor swept the land. Not only Roosevelt had died, but also Bing Crosby, Gen. Marshall, and New York Mayor Fiorello LaGuardia.

Allport and Postman cited three major kinds of rumors, fear (or bogey) rumors, "wish" rumors and hate and hostility rumors, the latter, and worst kind called by another psychologist "wedge driving" varieties.

"Wedge drivers"--dividing groups of people in society--spring from complex psychological impulses within the tortured breast of man. Often they are merely "projections" of the rumor-spreader's own inner insecurities and hostilities onto the subject of his problems, whether a minority group or personal guilt.

The most spectacular "wish" rumor of the 40's was the premature announcement of the end of World War II (VJ Day) carried as a "FLASH" on the wires of United Press. Minutes after the teletype bells began clanging, UP sent out another one: "FLASH. HOLD UP THAT FLASH" But it was too late. Lids were flipping and corks were popping all over the country. UP insisted the bulletin was a prank of some kind and the FBI investigated.

In time of crisis the importance of ideas and ambiguity of facts are intensified, and so rumor is rampant. Newspaper "rumor clinics" and the "swamp with facts" strategy of the Office of War Information helped stem the threat in World War II.

A classic rumor of World War I illustrated how rumor develops in "serial transmission" and how the formula works.

A German newspaper reported routinely that Antwerp had fallen to the Germans, and that the church bells were rung--meaning in Germany. The story was picked up and reported in various serial transformations until, by the time it got back to a French paper, it wound up like this: Heroic Belgian priests had refused to ring the church bells of Antwerp for their conquerors, and so were hung by their heels in the bells to serve themselves as living clappers.

(MORE)

-3- It's Happening

Allport and Postman postulated as a "rule of social psychology" that "no riot ever occurs without rumors to incite, accompany and intensify the violence." The Detroit race riot of 1943 was directly attributable to galloping rumor.

Two bored Washington reporters decided to check out the effectiveness of rumor as "substitute news" near the end of World War II. They planted a "query" with a mid-level War Department functionary--a fantastic story to the effect that Japanese Emperor Hirohito was being escorted by a squadron of Kamikaze suicide pilots to a rendezvous on Guam with MacArthur and Nimitz. From there they would fly in American bombers to Washington to sign surrender papers in the White House.

Within six hours they received a breathless telephone call from another magazine writer who had got the word from one of her sources, a Navy officer in San Diego.

The recent flap on the west coast resulting from cultist predictions that an earthquake would dump California into the Pacific recalls a rumor epidemic accompanying the San Francisco earthquake of 1906, also cited by Allport-Postman.

As San Francisco trembled and burned, many of its panic-stricken residents also were convinced by way of rumor that:

New York City was inundated by a tidal wave; Chicago had slid into Lake Michigan; the quake had freed animals in the San Francisco zoo and they were eating refugees in the park; men were being picked up with women's ringed fingers in their pockets, and the men were being strung up to the nearest lampposts.

Maybe embattled city and campus officials peering from the bridge into the summer storm season could resurrect what was perhaps the most accepted and effective security-anti rumor slogan of the last big war: "Zip Your Lip and Save a Ship."

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5 - 15 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

RELEASE: FRIDAY (May 16)

CARBONDALE, ILL., May --Six hundred hard-working scholars were advised to slow down and enjoy their "fugitive moments" when they assembled to receive plaudits Thursday evening (May 15) at Southern Illinois University's annual academic Honors Day ceremony here.

C. Addison Hickman, Vanderveer professor of economics at SIU, said he hoped his audience--the top undergraduate students on the Carbondale Campus--could stay loose and unorganized enough to sit on a dock, read a book that isn't required reading, share a hot fudge sundae, or discover "with a tiny daughter the glory of a ginger-bread man."

"These are fugitive moments, stolen or borrowed or yanked out of your busy days... and they are irrecoverable and non-postponable," Hickman said.

He quoted Poet John Ciardi: "An ulcer, gentlemen, is an unvisited imagination taking its revenge for having been jilted." He told the Honors students to recognize time and clocks for the tyrants that they are, and "once in a while rebel."

Hickman cited what he called a "minor literary classic" to summarize his plea. The author, he said, is anonymous:

"If I had my life to live over, I'd try to make more mistakes next time. I would relax. I would limber up. I would be sillier than I have been this trip. I know of very few things I would take seriously. I would be crazier. I would be less hygienic. I would take more chances. I would take more trips. I would climb more mountains and swim more rivers.

"I would burn more gasoline. I would eat more ice cream and less beans. I would have more actual troubles and fewer imaginary ones....

"I have been one of those persons who never goes anywhere without a thermometer, a hot water bottle, a gargle, a raincoat, and a parachute. If I had it to do over, I would go places and do things and travel lighter than I have. If I had my life to live over, I would start barefooted earlier in the spring and stay that way later in the fall. I would play hockey more. I wouldn't make such good grades except by accident. I would have more dogs. I would have more sweethearts.

"I would have more headaches, drink more tomato juice. I would go to more dances. I would ride on more merry-go-rounds. I'd pick more daisies."

The event was held at the SIU Arena and the students were recognized with Honors citations. A reception for them and their guests was conducted afterwards in the Arena lobby.

THE HISTORY OF THE

The history of the world is a long and varied one, with many different cultures and civilizations. It is a story of human progress and achievement, of the struggles and triumphs of our ancestors. The history of the world is a story of the human spirit, of the human capacity for innovation and discovery.

The history of the world is a story of the human spirit, of the human capacity for innovation and discovery. It is a story of the human mind, of the human ability to create and to build. The history of the world is a story of the human heart, of the human capacity for love and for compassion. The history of the world is a story of the human soul, of the human capacity for faith and for hope.

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5 - 16 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., May 16 --William J. McKeefery, dean of academic affairs

at Southern Illinois University, Carbondale, for eight years, today announced his resignation. He will assume, July 1, the position of executive vice president at Virginia Polytechnic Institute, Blacksburg, Va.

McKeefery, in addition to his continuing duties as academic affairs dean, has filled temporary assignments heading the College of Liberal Arts and Sciences, the School of Business, the International Services Division, and the department of higher education. He is chairman of the buildings committee on the Carbondale Campus and has helped in the development of the Illinois Master Plan for Higher Education. He came here from a position as acting president of Washburn College, Topeka, Kansas.

McKeefery's new duties will take him to Virginia's land grant university which, like SIU, has had unprecedented growth in recent years and now enrolls nearly 11,000 students. It has a \$100 million physical plant and offers doctoral degrees in 29 areas. It is located in the foothills of the Blue Ridge Mountains.

McKeefery, a Navy chaplain in World War II and with a Ph.D. from Columbia University, said he would watch with pleasure the growth of continuing programs at SIU which he helped formulate. Carbondale Chancellor Robert MacVicar expressed his pleasure at McKeefery's advancement in the academic world.

5 - 16 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois

CARBONDALE, ILL., May ---C. E. (Gene) Peebles, who started with Southern Illinois University's accounting offices as a student worker in 1940, will replace the late Paul W. Isbell as business affairs assistant to the Carbondale chancellor, Robert MacVicar. The new position was confirmed Friday (May 16) by the University board of trustees.

Presently holding the all-university position of director of the fiscal division, Peebles has been most closely associated with the Edwardsville Campus since 1957, when he left Carbondale to help open the Alton and East St. Louis centers. He will return to the Carbondale Campus full-time on July 1.

Peebles, a native of Pittsburg, entered SIU in 1940, joined the Navy's V12 educational program in 1942, and emerged from World War II as a lieutenant, j.g. He completed his work for a degree in accounting at the University of Illinois in 1947 and worked for Champaign-Urbana firms until 1953 when he joined the SIU staff at Carbondale to make a cost accounting study. He went to Madison-St. Clair Counties in 1957 to handle business affairs and later became the all-university director of the fiscal division, spending about half of his time on each campus.

Peebles was a student worker in the accounting division at SIU in 1940, which whetted his interest in accountancy as a career.

Mr. and Mrs. Peebles--the former Geneva Celeste Calcaterra of Marion--have three children.

THE
JOURNAL OF THE
ROYAL ANTHROPOLOGICAL INSTITUTE
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5 - 16 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., May --A new member, Eugene T. Simonds, joined the Southern Illinois University board of trustees Friday (May 16) as it met on the Carbondale Campus. Named last month by Gov. Richard Ogilvie and confirmed by the Illinois Senate, the Carbondale contractor replaces Kenneth L. Davis of Harrisburg who resigned in December due to ill health.

Three professors were among 36 faculty and staff appointments approved by the board. The list included nine associate professors and 15 of assistant professor rank. Term appointments were confirmed for two visiting professors.

John W. Leonard, a native of Yonkers, N.Y. and with a Ph.D. from Cornell University, was named professor in the Business Division, at Edwardsville, effective in September. He has served as professor at the University of Arizona.

Arthur E. Livingston was named professor in the Science and Technology Division, also at Edwardsville and to start in September. He is a native of California and earned his doctorate at the University of Oregon. He has served as professor at Montana State and Oregon State universities.

Vern H. Vincent was named professor on the Business Division, at Edwardsville, effective in January, 1970. A native of Rector, Ark., he earned his Ph.D. at the University of Michigan and has taught at West Virginia University.

Howard Trivers, formerly American Consul-General in Switzerland, was appointed for the 1969-70 academic year as visiting professor of government, at the Carbondale Campus. He earned his degrees at Princeton and Harvard universities and served 28 years in the U.S. Department of State.

William R. Allen, co-author of two books on economics, was confirmed as visiting professor of economics at Carbondale, for the fall quarter. He has advanced from assistant professor to full professor at the University of California at Los Angeles.

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Turning from personnel matters the SIU trustees approved reorganization within the School of Home Economics to create two additional departments. The change creates a new department of interior design, formerly included in the department of clothing and textiles, and divides the present department of home and family into departments of child and family and of family economics and management.

The changes do not imply expansion of function or scope of work but rather a change in focus from an emphasis on materials to a concern for people, the faculty recommendation said. Michael Zunich, an associate professor in the home and family department, was named chairman of the new department of child and family.

Trustees approved studies preliminary to asking Illinois Higher Board approval for a Master of Accountancy degree. The degree, to be offered by the School of Business at the Carbondale Campus, would be more specialized in nature than the existing Master of Business Administration degree. The optional degree, board members were told, recognizes a desire by the profession to concentrate more intensively upon the specialty itself.

The first part of the document discusses the importance of maintaining accurate records of all transactions and the role of the accounting department in ensuring that the company's financial statements are reliable and transparent. It also highlights the need for regular audits and the importance of having a strong internal control system in place to prevent fraud and errors.

The second part of the document focuses on the role of the accounting department in managing the company's cash flow and ensuring that it has sufficient funds to meet its obligations. It discusses the importance of monitoring the company's accounts payable and receivable and the need for timely payments to suppliers and customers.

The third part of the document discusses the role of the accounting department in managing the company's taxes and ensuring that it is in compliance with all applicable tax laws. It also highlights the importance of having a strong understanding of the company's tax position and the need for regular tax planning.

The fourth part of the document discusses the role of the accounting department in managing the company's debt and ensuring that it is in compliance with all applicable debt covenants. It also highlights the importance of having a strong understanding of the company's debt position and the need for regular debt management.

The fifth part of the document discusses the role of the accounting department in managing the company's equity and ensuring that it is in compliance with all applicable equity laws. It also highlights the importance of having a strong understanding of the company's equity position and the need for regular equity management.

The sixth part of the document discusses the role of the accounting department in managing the company's assets and ensuring that they are properly valued and recorded. It also highlights the importance of having a strong understanding of the company's asset position and the need for regular asset management.

The seventh part of the document discusses the role of the accounting department in managing the company's liabilities and ensuring that they are properly valued and recorded. It also highlights the importance of having a strong understanding of the company's liability position and the need for regular liability management.

The eighth part of the document discusses the role of the accounting department in managing the company's income and ensuring that it is properly calculated and recorded. It also highlights the importance of having a strong understanding of the company's income position and the need for regular income management.

The ninth part of the document discusses the role of the accounting department in managing the company's expenses and ensuring that they are properly recorded and allocated. It also highlights the importance of having a strong understanding of the company's expense position and the need for regular expense management.

The tenth part of the document discusses the role of the accounting department in managing the company's overall financial performance and ensuring that it is in line with the company's strategic goals. It also highlights the importance of having a strong understanding of the company's financial performance and the need for regular financial management.

5 - 20 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., May --A commencement doubleheader has been scheduled again for Southern Illinois University at Carbondale where an expected record graduating class will receive degrees June 11, a Wednesday.

In order to assure adequate seating for graduates' families and guests in the 10,000-seat SIU Arena, last year's commencement ceremony was split into two separate exercises and no formal graduation address was given.

The same format will be followed this year. Graduates with last names from A through K will receive their degrees at 3:30 p.m. The rest will be graduated in another ceremony at 7:30 p.m. Both events will be preceded by a 15-minute music concert.

Only post-graduate degrees will be awarded in a stage procession. Baccalaureate students will be recognized by academic divisions, and will then pick up their degrees at stations on the floor.

SIU final examinations begin June 4 and will wind up on June 10. The summer term will begin with evening classes on June 17.

-pb-

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

SIU COUNTRY COLUMN

By Albert Meyer

Lightning, a common phenomenon of summer storms, is no respecter of persons but a few common sense practices will reduce the danger of being struck by a bolt of lightning or suffer serious property loss, says J. J. Paterson, Southern Illinois University farm safety specialist.

The National Safety Council has reported on various occasion that about 90 per cent of the damage done by lightning takes place in rural areas. Isolation of rural buildings from good fire protection service and absence of protective devices against lightning may be responsible.

Lightning is the result of positive electrical charges in the earth attracting for union the negative electrical charges in the clouds, Paterson explains. Some kind of grounded conductor is needed for the negative charges to reach the positive charge in the earth, resulting in a bolt of lightning. A tall tree, a building, or a person or animal in an open field offers the easiest path for the two charges to get together. Under certain conditions this union may cause much destruction unless the charge from the atmosphere comes in over properly installed and grounded lightning rods on the building, tree, or other tall structure.

Paterson says a person is in danger of being hit by lightning if he is on a piece of farm machinery in the field, near a wire fence or livestock, under a single tree, or standing alone in an open field. Most farmers have had some personal experience or know of persons in the neighborhood who have had a building destroyed or had livestock killed while huddling under a tree or near a wire fence during a thunderstorm.

Here are some safety suggestions. It is a good investment to have lightning rods properly installed on farm buildings by reliable electricians. It may save the loss of a barn or storage building and its contents of feed, machinery or livestock. The farmer should not remain in the field during a thunderstorm. Head for the protection of a building before the storm breaks, or take refuge in an automobile. If this is impossible, he should take refuge in a ditch, ravine, or a thick stand of timber to avoid being a single point of attraction for a bolt of lightning.

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5 - 20 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 20-69 (About people, places and events in Southern Illinois, by Pete Brown
of the Southern Illinois University News Services)

For the past 60 years the state of Illinois has been in the business of rearing bobwhite quails. They are hatched in pens, fed by man, and then when they get big enough, taken out into the world and put on their own.

Lots of hunters and landowners think it's a great system for replenishing and sustaining wild quail populations. And a lot of others think it has no justification except perhaps for put-and-take quail hunting.

At a state Department of Conservation public hearing in Carbondale, the matter of state quail farms and the restocking program provoked more pro and con discussion than any other single topic.

If it weren't for that, we wouldn't have any quail, said a sportsman from Lawrence County. About one week in the wild is all domestic-reared quail can take, said the owner of a controlled hunting operation. After that they're either dead or gone somewhere.

What are the facts? After all, raising quail is no inexpensive sideline. Some analyses of all costs involved, up to the time of "hunter harvest," have shown that those pen-reared quail who survive long enough to be shot can represent an investment to the state of \$20 to \$40 apiece. Is it worth it?

All available evidence, and it's been mounting for years now, shows that game farm birds simply can't cut it in the cruel, cruel wild.

Virtually everyone who has studied this management technique says it's not a good way to maintain quail populations, let alone increase them.

(MORE)

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-2- It's Happening

Average recovery rates by hunters have been dismally low in field studies that make up the record. Four per cent (these are averages for summer and fall releases) in Indiana. Less than one per cent in Pennsylvania. A fraction over one per cent in Oklahoma. Five per cent in Louisiana. Four per cent in Kentucky, and so on.

In a study conducted some years ago by Director Willard Klimstra of the Southern Illinois University Cooperative Wildlife Research Laboratory, an average hunter harvest of six per cent was attained.

That was on an intensively managed and hunted area. Klimstra is sure a lower return would have resulted if the pen-reared birds had been released on more typical farm land.

Mortality, Klimstra reports, was "terrific." Farm-reared birds simply don't know what's happening on the outside. They aren't afraid of man or beast; they don't have the learned responses to danger.

Many of them don't even know what to eat. Klimstra said crops of some that were recaptured after a stint in the wild turned up pieces of sticks, dead leaves and soil material.

He suspects there is some danger of pen birds polluting the wild ones by interbreeding. Resulting offspring have appeared to lack the vigor of wild stock.

Beyond that, they don't make particularly good hunting, at least for the savvy hunter. Klimstra's experience (reported over and over again in studies from other states), is that released birds flush slower, fly shorter distances, scatter more readily, and often light in trees.

Released on a put-and-take basis, they "literally had to be kicked to get them to fly. They flew slow, just above the vegetation, and they scattered wildly. They moved on the ground in little or no cover, showing no attempt to 'freeze.'"

Bird dogs were confused by the mixed-up quail, and sometimes were hard to handle. Predator influx always appeared to zoom when quail were released. Klimstra said in one 40-acre field near a release site he spotted at 4 p.m. one day two red foxes, two Barred Owls, one Cooper's Hawk, four Red-tailed Hawks and a Marsh Hawk. Three of the birds made quail kills in 15 minutes.

(MORE)

"If one were to resort to this plan of release," Klimstra said in a letter to "Illinois Wildlife" magazine, "it would be better to never turn them out, just dress them and place in the freezer."

Klimstra is convinced that there is only one way to improve quail populations. That's to improve the place where they have to live.

It's no great secret that most Department of Conservation biologists feel the same way. But the quail release program in Illinois (oldest in the nation) is a thing that many farmers and sportsmen like. It is good public relations.

But, Klimstra says, the gesture--stocking an animal where it already occurs--is trying to treat the symptom, not the disease.

-pb-

The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. The letter is signed by James Buchanan and is addressed to the Senate and House of Representatives. The letter discusses the state of the Union and the recent events leading to the secession of the Southern States. The President expresses his regret over the situation and his hope for a peaceful resolution.

The second part of the document is a report from the Secretary of the Treasury, dated January 1, 1861. The report discusses the financial state of the government and the revenue for the year. The Secretary reports that the government has a surplus of \$10,000,000 and that the revenue for the year was \$100,000,000.

The third part of the document is a report from the Secretary of the Interior, dated January 1, 1861. The report discusses the land and mineral resources of the United States. The Secretary reports that there are vast amounts of land and minerals available for development and that the government should encourage settlement and mining.

The fourth part of the document is a report from the Secretary of the Navy, dated January 1, 1861. The report discusses the state of the Navy and the ships and vessels in the fleet. The Secretary reports that the Navy is in good condition and that the fleet is ready for service.

The fifth part of the document is a report from the Secretary of the War, dated January 1, 1861. The report discusses the state of the Army and the troops in the field. The Secretary reports that the Army is in good condition and that the troops are ready for service.

5 - 21 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., May --The weekly television variety show "Kaleidoscope" which is seen every Wednesday on WSIU-TV, Channel 8, Carbondale, and WUSI-TV, Channel 16, Olney, will be featured on the 10-state Central Educational Network on Tuesday evening (June 3) from 7:30 to 8 p.m.

The program, which will be carried on 20 stations in the Midwest, will be composed of musical segments spotlighting talent from Southern Illinois University and the surrounding area.

Host of the Tuesday telecast will be Ron Razowsky of Chicago, a senior majoring in radio-television and a frequent performer for the SIU Broadcasting Service. The show's producer is Scott Kane, a graduate student in broadcasting from Evanston.

Performers on the network telecast will be Sergio Agosto, an SIU student from Sao Paulo, Brazil, who studied under the great Brazilian guitarist-composer Antonio Carlos Jobin; the Country Four western group; Ashes of Dawn, modern rock combo; and the Swinging Safari, another rock group recently returned from a tour of Europe.

The Central Educational Network is the regional affiliate of the National Educational Television Network. "Kaleidoscope" will be featured periodically on CEN, according to Scott Kane. Performers interested in auditioning for the show may contact him at WSIU-TV in Carbondale, telephone (618) 453-4343.

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5 - 21 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., May --Thirteen new programs will be added to the schedule of educational television for Southern Illinois school children next fall by the Southern Illinois Instructional Television Association.

The telecasts again will be seen on Southern Illinois University's stations WSIU-TV, Channel 8, Carbondale, and WUSI-TV, Channel 16, Olney.

The Monday through Thursday daytime schedule during the 1969-70 school year beginning September 15 will feature 37 programs in all for kindergarten through the eighth grade, according to Richard Qualls, educational television coordinator for the Southern Illinois University Broadcasting Service. The programs will be seen from 8:40 a.m. to 3 p.m.

Teachers at schools which are members of SIITA receive lesson manuals, newsletters, and other teaching aids well in advance to enable them to utilize the programs to the best advantage.

This year more than 38,000 children in 142 school districts are participating, along with about 1,400 teachers. Qualls said it is hoped that at least 50,000 children will be included in the program next year. Because children in the viewing area of WUSI-TV in Olney have been receiving the instruction only one year since that station went on the air, Qualls said much of the increase is expected to come from that area.

The SIITA is administered by an executive committee of 16 area educators. Cost of the service is \$1 per year per pupil. Schools in the overlapping viewing area of Channel 9 in St. Louis may receive both services for \$1.70 per pupil, and those in the viewing area of educational Channel 12 in Champaign may subscribe to both services for \$1.50 per student, Qualls said.

School administrators interested in enrolling their schools as members of SIITA may obtain details by writing Richard Qualls, Instructional Television, Southern Illinois University, Carbondale, 62901.

5 - 21 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., May --After nine months of study at Southern Illinois University, a Russian student has found that "students are students"--their lives are about the same in two different political systems.

"But there are some things I do not understand, and some I do not agree with," Yuri Pavlov of Moscow said.

Student unrest is one of them. Student demonstrations on campuses around the country have amazed and confused him.

"I do not quite understand what they are against," the graduate student in chemistry said.

No student unrest occurs in Russia, Pavlov said. But it does not mean that the Russian students do not demand anything from the school administration, he added.

The Comsomol, or the union of youth, on the campuses voice the students' demands to the party and the school administration, which take appropriate measures to meet these demands, he said.

The Russian student believes that in many respects the policies of Russian colleges are more "liberal" than those of the American schools.

For one thing, he said, beer is available on Russian campuses. "We don't see anybody get drunk though," he said.

Liberal-minded in one aspect but quite "conservative" in another, Pavlov does not see any reason for coeds in this country to fight so hard for the elimination of women's hours.

"This is not so important for students," he said.

What is important for a college student, he believes, is to have more time to study. American students spend too much time working part-time to support themselves, he said.

(MORE)

The Russian government offers stipends to almost all college students, besides free tuition. The amount of the stipend depends upon academic status and grade average. The higher the grade average a student achieves, the larger stipend he receives. This system encourages and enables Russian students to concentrate on study, Pavlov said.

Pavlov, one of 25 Russian students in the United States, came here last August under an exchange program between Russia's Ministry of Higher Education and the American Inter-Universities Committee. While at SIU's Carbondale Campus, he is engaged in a water pollution research project.

A candidate for science, an equivalent to the candidate for a doctor's degree in this country, at Moscow's Chemical-Technological Institute, Pavlov is finishing up his project at SIU this week. He is scheduled to leave from New York for Moscow June 3.

"I shall miss the nice people and the beautiful campus here," he said while walking on the campus drive of the University.

Pavlov, 30, is married. His wife is a department chief for a chemical industry in Moscow. They have a 10-year-old daughter.

5 - 22 - 69

From University News Services

SOUTHERN ILLINOIS UNIVERSITY

Carbondale, Illinois

Phone: (618) 453-2276

CORRECTION

In fourth graph of story mailed May 21, an interview with a Russian student attending Southern Illinois University at Carbondale, the student says his meaning was misunderstood, and wishes this graph would read as follows:

"I understand what they are protesting about," the graduate student in chemistry said. "But I don't agree with the methods some use to enforce their demands--methods of destruction and violence."

5 - 23 - 69

From University News Services

SOUTHERN ILLINOIS UNIVERSITY

Carbondale, Illinois

Phone: (618) 453-2276

EDITORS: Note Local Names

CARBONDALE, ILL., May --A group of 69 forestry students at Southern Illinois University has been taking axes to classes this spring, but it is all for a good cause.

The classes are part of the forestry department's spring camp program conducted from March 23 to June 6 at SIU's Outdoor Laboratory facilities near Little Grassy Lake.

Spring camp, an annual program offered each spring quarter at SIU, is designed to acquaint forestry students with the practical aspects of what they have been discussing in the classroom. Spring camp also gives the students an opportunity to learn, live and work together in field situations. Spring camp is a required course of study for all forestry students.

A rugged schedule is planned to occupy the students from reveille at 6:30 a.m. through an evening study period that ends at 10:30 p.m. The students live at Southern's Little Grassy Camp. They receive 18 credit hours for completion of the required course work.

Included in the course are field trips to Louisiana, Kentucky, Missouri and forest management, industrial and recreational developments in Southern Illinois. The purpose of these trips is to acquaint the students with federal, state and industrial forestry and recreation areas and their facilities. The rest of the time is spent in field exercises in forested areas near the camp, supplemented by faculty lectures. SIU forestry department faculty members are in charge of the field course program.

Enrolled is (are):

ANNA: Robert W. Bierer (512 S. Green St.)

AMBOY: Fred W. Noack (25 N. Jefferson)

AUBURN: Goerge T. Bartolozzi (R.R. 1)

BELLEVILLE: Stephen E. Adkins (19 Cambridge Drive); Richard H. Kammler (109 S. 30th St.)

(MORE)

CAHOKIA: Michael D. Krebel (734 St. Nicholas Drive)
CARLYLE: John V. Kolmer (560 Jefferson St.)
CENTRALIA: Steven E. Neudecker (427 Anderson St.); Michael L. Sanders (624 College Ave.)
CERRO GORDO: Robert D. Bowlby (R.R. 1)
CHAMPAIGN: Stuart H. Hirsh (309 N. McKinley)
CHERRY VALLEY, MASS.: Martin T. Kelley (69 Bottomly Ave.)
CHICAGO: Walter H. Crane (3230 West 63rd Place); John G. Engel (5263 N. Lynn Ave.); William A. Mommsen (1951 W. Cuyler Dr.); Raymond V. Orlauskis (6855 S. Talman)
CLINTON: Jane A. Kolp (Route 54 East)
DOLTON: Richard E. Collins (15709 Ingleside Dr.)
DAYTON, OHIO: Emmitt D. Roth (925 Warrington Place)
DECATUR: Greg J. McGowan (R.R. 2)
DEERFIELD: Randolph G. Blass (1390 Kenilworth Lane)
DES PLAINES: Carl L. Burval (2500 S. Maple Ave.)
DOWNERS GROVE: Roland L. Barkow (4530 Lee Ave.); Stephen E. Lomax (480 Oakwood); Dennis E. McGill (230 7th St.)
DUNLAP: John S. Cline (R.R. 1)
EAST ALTON: Jon R. Brazier (211 Grand Ave.)
EAST AMHERST, N.Y.: Wayne F. Colby (2541 N. French Rd.)
ELDORADO: Gary E. Camp (1211 Walnut St.); Frank W. Genet (R.R. 1)
ELGIN: George E. Hecht (555 Ann St.)
FINDLAY: David W. Cruitt (R.R. 2)
FOOSLAND: Arlen W. DeWall (R.R. 1)
GLEN ELLYN: Michael J. Felker (576 Hickory Rd.)
GARDNER: Gordon V. Qualen (R.R. 1)
HARRISBURG: Thomas C. Alexander (1519 S. McKinley)
HIGHLAND PARK: James A. Bixby (2691 Oak)
LEBANON: Richard A. McAllister (403 Clever Dr.)
LOMBARD: Steven A. Underwood (345 Chase Ave.)
MARION: Steven L. Thompson (1007 N. Logan St.)
MARSHALL: Norman L. Hawker (R.R. 1)
MT. VERNON: Alan E. Pigg (R.R. 7); Robert D. Wilkins (#3 Royal Place)
NEW LENOX: Randolph L. Konkel (R.R. 1)
OAKDALE: Roger E. Weber (R.R. 1)
OAK LAWN: Richard R. Topielec (86245 Newcastle Ave.)
PALMYRA: Melvin D. Woolfolk (R.R. 3)
PARK FOREST: Duane D. Dipert (10 Hawthorne Rd.)
PEORIA: Robert G. Ford (3019 W. Romany St.); Michael S. Johnson (4423 W. Redford)
PINCKNEYVILLE: Fred S. Eisenhauer (R.R. 2); Perry L. Pursell (808 County Rd.)
PITTSFIELD: Robert W. Weaver (R.R. 3)
PULASKI: Darrel R. Thurstan (R.R. 1)
RANTOUL: Barry G. Sanders (1221 Fairlawn Dr.)
ROCHELLE: Darrel W. Ranken (R.R. 1)
ROCHESTER: Duane J. Thien (320 N. Park)
ROCKFORD: David C. Neseman (1211 23rd St.)
SAN DIEGO, CALIF.: Kenneth E. Champion (4690 Betty St.)
SCHAUMBURG: Eugene W. Lerch (817 S. Princeton Lane)
SECOR: David L. Sparks (R.R. 1)
STEELEVILLE: Leonard R. Bollman (504 E. Main)
STREETSVILLE, ONTARIO, CANADA: James D. Feist (34 Earl St.)
VIENNA: Richard E. McClellan (R.R. 4)
VILLA PARK: Stephen C. Jevne (144 S. Ardmore)
WESTCHESTER: Dana J. Houkal (10320 Wight)
WEST CHICAGO: James V. Kieft (552 Forest Lane)
WICHITA, KAN.: Jimmy L. Chambers (135 S. Hydraulic)
WINDSOR: Eugene D. Latch (R.R. 1)

5 - 23 - 69
From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., May --An hour-long special telecast on the educational crisis in Illinois and the premier of a coast-to-coast weekly television series on important world issues will be seen during the first week in June on WSIU-TV, Channel 8, Carbondale, and WUSI-TV, Channel 16, Olney.

On Wednesday evening (June 4) from 9 to 10 p.m. the color special "A Child Lost" will present a penetrating probe of the problems of education throughout Illinois.

Produced by educational station WBBM-TV in Chicago, the program talks with Governor Richard Ogilvie about his proposed solutions to critical school issues, questions administrators in Chicago and Kankakee where teacher strikes have been threatened or have taken place, and travels to Champaign and Danville where actions by local officials and townspeople have been effective in preventing major upheaval in their schools.

The program moderator will be CBS news correspondent Harry Reasoner. The title of the show was taken from a quote by the late President Kennedy: "A child miseducated is a child lost."

Earlier in the week, on Monday evening (June 2) at 7 p.m., the first telecast in the network series "World Press" will give viewers a chance to see Americans as people in other nations do.

The show, produced by station KQED-TV in San Francisco, will feature a rotating staff of 17 international news analysts who each week will probe the issues which are making headlines in 80 world newspapers.

Each program in the series will focus on major news stories as reported by papers in both the free world and behind the Iron Curtain in such areas as England, France, Germany, Czechoslovakia, the Soviet Union, Africa, Red China, Japan, the Middle East, and Latin America.

"World Press" will be seen on 140 stations. It is the outgrowth of a local program seen in San Francisco called "What the Russians Are Told."

5 - 27 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 21-69 (About people, places and events in Southern Illinois, by Pete Brown of the Southern Illinois University News Services)

The spectacular success of coho salmon in Lake Michigan has got downstate anglers wondering: "Why don't they try some new fish around here?"

After all, look what they did with striped bass and striper-white bass hybrids in Tennessee and the west coast. Look how the pheasant took off when they brought it to America. How about those Atlantic shad that are doing great on the Pacific side?

Okay, says the wary biologist. How about the European carp? Consider the English sparrow. Reflect on that Old World bum, the starling. They were all spectacular successes, too, but we'd pay to get rid of them.

That's the generalized response of William Lewis, Southern Illinois University fisheries researcher, when he's braced about adding some spice to our bass-bluegill-catfish-crappie gamefish stew.

The particular response deals with some gut scientific values. It goes something like this.

The biologist feels that there's an unlimited amount of time to thoroughly study the effects of introducing a new species into an environment. Once it is done, however, it is generally irreversible. "A successful animal," Lewis says, "is in many, many cases almost impossible to eliminate."

There's always some sort of balance operating in natural systems and when you sock in a new element, the result may or may not be favorable. Often, it isn't.

Lewis prefers to look at the Southern Illinois fishery as a resource that can be developed as much by managing native species as by the chancy introduction of exotics.

(MORE)

Examples of relatively new techniques with big payoff potential, he says, are rearing and stocking of channel catfish for sport fishing and farming; total removal and re-stocking of small lakes; the drawdown system for increasing vulnerability of small fish to predators.

"There's a tendency for the public to pick out an isolated example of scientific work, and then relate it to the whole picture. 'They put coho in Lake Michigan, why can't we?' Biologists much prefer to study out things so they don't have to apologize later."

For instance, tropical fishes called Tilapia, important as a food source in many underdeveloped countries, were brought to the U.S. with some fanfare and are now firmly established in Florida. Evidence is now creeping in that they may prove to be a carp-sized pest.

In a case like Crab Orchard Lake, the problem isn't the ability of the water itself to produce fish. It supports bass, channel cat, bluegill, and could probably sustain smallmouth bass. The problem is all those carp, gizzard shad and buffalo that are also there, and which have the ecological edge.

Well, couldn't you introduce something that would prey like crazy on those no-counts?

Yes, you could. You could try muskellunge, which isn't so exotic, after all. It's an Ohio Valley resident, actually a "southerner" when compared to the northern pike with which it's usually associated.

They wouldn't breed in Crab Orchard, but the technique of propagating muskies artificially for management purposes is now pretty well set.

And that is exactly what the refuge people at Crab Orchard are trying to study out right now. They've got some muskies in a rearing lake, put there as fry more than a year ago. If they make out, don't be surprised if Crab Orchard's bass-bluegill-catfish-crappie stew gets a little spice.

5 - 27 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

SIU COUNTRY COLUMN

By Albert Meyer

Farmers who want to keep their hay and pasture forage crops from running down in stand and quality should topdress the fields with fertilizer after the first cutting of the crop, according to Prof. Joseph P. Vavra, Southern Illinois University soil fertility specialist.

Most farmers who are growing alfalfa for hay or silage should have the first cutting out of the field before now unless they were unduly delayed by bad weather or other work. Mixed hay crops are about ready to harvest and most pastures are being grazed down by livestock, or the farmers can clip the surplus forage from permanent pasture for extra hay or silage.

Vavra says forage crops need the same 16 nutrient elements that all green plants need for growth, but the four that need replenishing most often are nitrogen, phosphorus, potassium and calcium (limestone). Farmers who adequately fertilized the fields according to soil tests when the fields were newly seeded or were renovated, need only be concerned about replacing the nutrients that are removed in the harvested forages.

If the pasture or hay fields contain a good supply of legume plants (about one-third of the stand), such as alfalfa or clovers, the farmer does not need to include nitrogen in the fertilizer top-dressed on the field after the first harvest. The legumes provide all the needed nitrogen through fixation from the atmosphere. For such crops, Vavra suggests putting on from 400 to 500 pounds per acre of fertilizer having an analysis of 0-10-30 or 0-20-20. The first, which has more potassium than phosphorus, is suggested for alfalfa fields or mixed alfalfa-grass combinations. The second is suitable for forage crops having other kinds of legumes, such as ladino or red clover. Such applications should keep the forages producing at a high rate and should keep the feeding quality high for hay or pasture.

If the fields have all-grass combinations without legumes, nitrogen must be added to the fertilizer at the rate of about 100 to 150 pounds of the nitrogen per acre. It may be applied in liquid or granular form. The urea type of nitrogen is not suggested at this time of year because temperatures are too high, causing much of the nitrogen from urea to dissipate into the atmosphere.

5 - 29 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., May --Many women throughout the nation are on the verge of receiving their diplomas at college commencements as husbands and children beam smiling assents.

Some started college work at one time but an interruption, probably marriage and children, sidetracked their pursuit of education. Others decided at an age later than 18 that they wanted to have a college education and started out as freshmen. And some, who had obtained a college degree, decided at a later date they needed updating in their field of study to make them better suited for a job.

Mrs. Loretta Ott, assistant dean for the Commuter, Graduate, and Married Students Office at Southern Illinois University, produced figures that show 460 married women between the ages of 26 and 64 are enrolled in courses on the Carbondale Campus of SIU. The number of quarter hours of credit they are carrying ranged from 4 to 20. The largest age group comprises those between 30 and 40.

Dean Ott said she and others at the University feel there are many more women, older than the average coed, who would take the opportunity to renew or begin college classes with the proper motivation. That is why a group called WE (Women in Education) was formed on the campus May 27. Purpose is to encourage and help mature women get back in school, if that is what they want to do.

Seventeen women interested in college courses attended the first meeting, at which Mrs. Jean Bortz (309 Emerald Lane, Carbondale) was elected chairman and Mrs. Doris Brandon (209 Hewitt, Carbondale), mother of children aged 13, 9, and 6 years, was named secretary. Those present said they know a number of women they anticipate would be interested in returning to school. Monthly meetings to discuss topics of concern and ways to solve problems are planned. The CMG Office is sponsoring the venture and invites calls for information about the program.

6 - 3 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 22-69 (About people, places and events in Southern Illinois, by Pete Brown of the Southern Illinois University News Services)

At a time when so much is haywire with our world it's good to know that at least one person is still able to sort things out, perceive the priorities, and then advance the "viable alternative," as they say.

Such a person is Lowell Darling of Makanda, Ill., a 27-year-old artist. When it became clear to him that the world was slipping, he didn't just brood, he acted. He hauled out a hammer and a sack of nails and proceeded to pound it in place.

The effort so far is only a small beginning--he's nailed down the city of Carbondale--but Darling has hopes of securing the whole world. He's written proposals to the governor of California, the mayor of Toronto, the president of the United Nations General Assembly, and the President of the United States.

He has told them all that he will nail down their respective territories for only minimal considerations. How's that for commitment?

Darling began his campaign by fastening Carbondale with two nails at each of its four highway entrances. Then he notified Mayor David Keene, saying that the city could purchase his project for one dollar.

If the price is too high, Darling said, I'll loan the nails indefinitely. If the city's boundaries change, the nails must be moved with them.

The mayor wasted no time. Setting tongue firmly, cheekwise, he zapped back a one dollar postal money order "to insure the welfare of the city."

That's when Darling began to operate. Concerned about earthquakes in California because "I have relations there," he wrote Gov. Ronald Reagan, offering to keep California from sliding into the Pacific by fixing it in place with 42 strategically placed nails and 21 pieces of 6X2 aluminum sheeting. "The whole ball of wax will cost your people \$235.39," Darling added.

(MORE)

So far no word from Sacramento.

Buoyed by his success in Carbondale, Darling offered to do the same thing for Toronto "free of charge because I really dig Toronto." No word so far.

To President Richard M. Nixon went the next bolt from Darling's blue sky. "There's much talk about America slipping," he wrote. "I'll stop it with 10 ten-penny nails near the Canadian border, to prevent it from slipping right or left or into the Gulf of Mexico." He said he'd do it free, as an indefinite loan to his country, but would appreciate travel expenses. No word from the President but receipt of the registered letter has been acknowledged.

Finally, his Grandest Design, a proposal to the United Nations that had all those elements of marvelous simplicity that invariably stamp works of genius. He would "make the world cohesive" by hinging all countries at their borders. "If they quarrel, you close them until they stop--like a book. This prevents outside intervention and spread of hassle." No response from the General Assembly.

What's it all about, you say?

Not much word from Darling, but that's the way he likes it. He's working on a kind of art (he's a graduate student at SIU) that engages the "viewer" in a different way than the usual mechanisms of response in a gallery.

Those letters are a form of what he calls "participation art." When the viewer reacts to them--even as a reader of a column about them--then the notion of art is...well....

It doesn't do to talk about it, says Darling, no more than it does to explain the meaning of a joke after you've told it. The reaction is the "raison," perhaps.

Meantime, from the earth's first nailed-down city, Peace.

6 - 3 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

SIU COUNTRY COLUMN
By Albert Meyer

June again is billed as National Dairy Month, a period of special emphasis on the healthful food qualities and tastiness of milk and other dairy products, says Howard H. Olson, Southern Illinois University dairy specialist.

The American Dairy Association with its state affiliates is the originator and chief promoter of June Dairy Month as one of many special activities to encourage greater use of dairy products through advertising, merchandising, promotion, and support of research.

June was selected several years ago for this special promotion since it was the time of year when farmers produced the most milk because their cows freshened mostly early in the spring and the herds were turned out to pastures lush with fresh growth forages. Spring still is a time of increased milk production, but the sharp difference between spring production and milk output at other seasons has declined as dairying becomes more specialized, mechanized, and centered on dairy farms with large herds of high producing cows, Olson says. Modern dairy farmers tend to spread out the milk production through better year-round feeding programs and following breeding schedules that distribute the cow freshening periods more evenly throughout the year. Many farmers who once kept a few milk cows on the farm for added income from the sale of milk or cream have disposed of their herds to concentrate efforts on other farm enterprises.

The dairy industry continues to recognize the importance of rigorous promotion of dairying and dairy products, especially in the face of competition from substitutes for dairy foods and the advertising campaigns of the soft drink industry. A brief check of USDA reports may help in seeing the picture.

(MORE)

April milk production in the United States was the smallest since 1952 and was from 1.5 to 2 per cent below the average daily output of a year ago. At the same time there was about a 1 per cent increase in production per cow. This per-cow increase was not enough to offset the larger reduction in cow numbers on the farm. Statisticians believe the greater reduction in cow numbers may be partly due to the continuing market strength for slaughter animals, influencing dairy farmers to cull their dairy herds more drastically while they could sell the cows for higher prices.

The peak in milk production for Illinois came in 1945 when the dairymen of the state produced about 5.8 billion pounds of milk. The production dropped about 40 per cent to 3.4 billion pounds by 1967. Milk cow numbers have gone down rather rapidly since the early 1960's when there still were over 500,000 milk cows on Illinois farms. By 1967 the number had dropped to 358,000 and is still going down.

Milk cows on Illinois dairy farms are producing a little ahead of the national average. The average in 1967 was better than 9,300 pounds annually per cow, about 600 pounds above the national average. Last year the national average moved to just over 9,000 pounds while the Illinois average moved up at about the same rate. Of course, many modern dairy farmers have improved their herds to 12,000 to 14,000 pounds per cow.

Although about half of the Illinois output is sold as fluid milk, the state produces substantial amounts of cheese, ice cream and such other products as condensed and evaporated milk. For example, in 1967, Illinois produced more than 51 million pounds of Swiss cheese, nearly 45 million pounds of cottage cheese, 13 million pounds of American type cheese, 21 million pounds of other kinds of cheese, and 42 million gallons of ice cream.

6 - 3 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Southern Illinois Airport, situated between Carbondale and Murphysboro, will hold its annual open house and the dedication of its new terminal building from 1 to 6 p.m. Sunday (June 8).

The public is invited to visit the terminal building, the Southern Illinois University Aviation Technology program, and displays that include new and old aircraft. New aircraft will include a business jet, and the latest single and multi engine business and pleasure craft.

A traffic control tower, now being evaluated, will be in operation. Officials hope a new runway extension will be ready for traffic Sunday.

Ronald D. Kelley, assistant manager of SIU Air Institute and Service, said several World War II fighters and bombing planes have been promised to be on hand. Another feature, he said, should be a Ford Tri-Motor, used by some airlines in the late 20's. Rides will be available Saturday afternoon and Sunday.

A fly-over of Air National Guard jets is scheduled between 12 noon and 1 p.m. Sunday.

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6 - 6 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Southern Illinois University has received a supplemental federal grant of \$89,596 to be used in its federal work-study program during the period July 1-December 31.

This is in addition to the \$156,000 grant for the same purpose which was received earlier.

Frank C. Adams, director of SIU Student Work and Financial Assistance, said the original grant would enable about 650 to 700 students to be employed in the program on the Carbondale Campus and that the supplemental grant will make it possible to employ about 250 additional during the six-month period.

At any given time, Adams said, from 20 to 25 per cent of the students in the student work program at SIU are being supported by federal funds. The rest are paid from state funds.

Adams also announced that the University has received a supplemental federal work-study grant of \$50,397 for its Edwardsville Campus.

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6 - 6 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Undergraduate and graduate credit courses in outdoor education will be offered June 16-27 and a conservation education workshop is scheduled for Aug. 10-22 at Southern Illinois University at Carbondale.

The June classes, offered by the SIU College of Education's Outdoor Education Center in cooperation with the University Extension Services, will be conducted on campus, at the SIU outdoor laboratory, and at the Tennessee Valley Authority's Conservation Education Center. They will be taught by William Freeburg, Loren Taylor, Clifford E. Knapp, and B. Ray Horn, all of the SIU faculty.

Credit is offered as follows: Outdoor Education 301 (4 hours), undergraduate, 9 a.m. to 5 p.m.; Outdoor Education Workshop 510 (4 hours), graduate, 9 a.m. to 5 p.m. Practicum 490 (4-12 hours), graduate or undergraduate; consent of instructor is needed to enroll, meeting time to be arranged.

The August workshop, for teachers and other youth leaders, will be limited to 30 participants due to the extensive laboratory and field work involved. During the two weeks there will be a field trip to the Conservation Education Center in Kentucky. Four quarter hours of graduate credit may be earned. Staff members will include Clarence Samford, chairman of the department of secondary education, Harold Hungerford, and Clifford Knapp.

Additional information about the courses can be obtained from Andrew H. Marcec, University Extension Services, Southern Illinois University, Carbondale.

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6 - 6 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Students are being accepted for a two-year program to train library and audio-visual technical assistants, starting in the fall quarter at the Southern Illinois University Vocational-Technical Institute.

The course, leading to the associate in arts degree, was approved by the Illinois Board of Higher Education Tuesday (June 3). It is designed to help fill a current need for 85,000 library technicians throughout the nation and a projected requirement of 145,000 in the next ten years, according to Dean E. J. Simon of the SIU Division of Technical and Adult Education.

He said the program will train library and audio-visual technical assistants to perform specialized library duties such as book processing, repair and binding, interlibrary loan and acquisitions, cataloging, and the use and maintenance of audio-visual equipment and the preparation and use of instructional materials.

Morris Library on the SIU Carbondale Campus will be used as a supportive laboratory for students enrolled in the course. They also will take data processing courses at the VTI Data Processing Center.

"Computer and microform technology and developments in communication have created a potential for the storage, retrieval and exchange of information beyond any means ever before assembled," Simon said. "This program is designed to provide the trained technical personnel required for the modern library."

Only three other schools currently offer such programs in Illinois.

About a third of the two-year course will consist of work in the University's General Studies program to provide a background of general education. Internship in library and instructional materials will be included in the technical curriculum.

6 - 6 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --A Centennial Year graduating class numbering some 2,900 students will be awarded degrees Wednesday (June 11) at Southern Illinois University at Carbondale.

Commencement exercises will be conducted in two ceremonies at the SIU Arena on the Carbondale Campus. Students with last names from A through K will be graduated at 3:30 p.m. and the remainder will receive degrees at 7:30 p.m.

SIU President Delyte W. Morris will deliver brief remarks to the graduates but there will be no formal commencement address as such.

An Honorary Doctor of Science degree will be awarded to French Geographer Jean Gottman, author of the landmark study, "Megalopolis," who is now head of the School of Geography at England's Oxford University. He was a visiting professor at SIU in 1964, 1965, and 1967.

Another highlight will be the award of a 50-year faculty service award to Edward V. Miles, Jr., special assistant to the president. It is believed to be the first 50-year citation since President Morris began the awards when he came to SIU 20 years ago.

Miles, now 70, himself was graduated from SIU in 1914 and joined the "Commercial Department" as a teacher in 1919. He was later to become business manager of the University. He retired in 1959, but stayed on at Morris' request to serve part time as a land acquisition representative.

The honorary degree and faculty service awards will be made at the afternoon ceremony.

A 40-year award will be given to Madeleine Smith, foreign languages. Thirty-year citations will be made to Winifred Burns, English; Dorothy Davies, women's physical education; Willis Malone, assistant to the chancellor; William Marberry, botany; W.C. McDaniel, mathematics; and Madelyn Treece, University School.

Twenty-five year awards will go to Frances Phillips, health education; and Jean Stehr, women's physical education.

(EDITORS: Attached is a list of degree candidates from your area. Addresses are those given by students on degree applications. The list was prepared in advance and some last minute additions and deletions are possible.)

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Illinois Congressman Kenneth J. Gray informed the House concerning Southern Illinois University's 100th anniversary and in an extension of his remarks in the Congressional Record, cited accomplishments of the "great educational institution" located in his district.

Speaking May 28 from the floor of the House, Rep. Gray said, "Two great campuses, one at Carbondale and one at Edwardsville, have experienced a phenomenal growth during the past 15 years that I have served in Congress."

In the extension of his remarks, Gray cited some of the "positive attempts and accomplishments Southern Illinois University and its officers have made to bridge the communications gap by involving students in university affairs." These included, he said, open forum sessions held by Carbondale Chancellor Robert MacVicar, a Black American Studies Program, and a committee on freedom of expression and dissent within the University.

Cong. Gray said he hoped some of the positive steps taken at Southern Illinois University might be helpful if reported to his colleagues and to other universities.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Students whose examination papers and class records were destroyed in Sunday morning's fire will receive grades based upon class attendance and presumption of performance.

Chancellor Robert W. MacVicar of the Carbondale Campus, Southern Illinois University, issued the instructions Monday morning as workmen began the task of clearing the brick walls still standing--all that remained of the 83-year-old Old Main building.

Final exams end Tuesday. Commencement is Wednesday.

Meanwhile, State Fire Marshal Joseph D. Patton arrived in Carbondale to investigate cause of the blaze. A deputy fire marshal, Jack Snyder of Virden, conducted an informal hearing at the city hall Sunday night to assemble evidence.

Snyder heard Carbondale Fireman Charles McCaughan, first on the scene after the alarm was sounded, testify that three fires had started on the third floor of the building, in addition to the major blaze in the attic.

One fire in a broom closet had burned itself out, the fireman said. Another, in a third floor office room, had burned the contents of a waste basket and papers on a desk, but had burned out.

A third blaze was beneath the steps leading to the attic, he said. In his opinion, none of the three could have been caused by the fire in the attic.

Another fireman reported finding a profane scrawl on the blackboard in a third floor room which ended with the words, "Old Main is burning."

University officials had no comment concerning cause of the fire. "We are making a most intensive investigation," Chancellor MacVicar said. "All resources of the University are at the disposal of the state fire marshal."

Demolition work started today (Monday) on the ruins. Anthony Blass, director of the University physical plant, said a crane would knock down the top of the brick walls, probably to the second story level, as a safety measure. Attempts would be made to salvage some of the limestone facing blocks and metal columns, which would be stored for possible reuse. Blass said he had no information on any rebuilding plans.

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From University News Services

SOUTHERN ILLINOIS UNIVERSITY

Carbondale, Illinois

Phone: (618) 453-2276

IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 23-69 (About people, places and events in Southern Illinois, by Pete Brown of the Southern Illinois University News Services)

It is time now, and we hope not too late, to tell all you neophyte backyard gardeners how to grow things.

Tomato blossoms falling off? Bitter lettuce? Sweet corn that looks like the aftermath of the North American Worm Convention?

Hark to some basic commandments from Irvin Hillyer, a plant industries man in SIU's School of Agriculture. If you've already violated or compromised them this year, well maybe you can do penance over the winter and begin anew next spring with a conscience cleansed and informed.

TOMATOES--The big thing here is fertilization and pruning. When the fruits are about as big as a marble, that's when to fertilize. You don't want to lay it on early because it'll K.O. the flowers. Take about a handful of a commercial brand called 5-10-5 and ring the base of the plant with it.

If you want to keep those 'maters off the ground, you can spread down about six inches of straw at the base. Or, you can stake the plant. When it gets a foot to 15 inches high, cut away everything but the main stem and tie it loosely to the stake with a soft string or cloth. Remember, soft.

As it grows, remove those shoots or "suckers" that develop between the main stem and the leaves, up to the first fruit cluster. Above that point, let the shoots develop two leaves and then pinch off the tips. Keep tying that monster loosely to the stake every 12 to 15 inches.

To control tomato insects and diseases, Hillyer recommends a Zineb-Sevin spray combination. Apply every 10 days or after every hard rain. If you've got aphids (heavens!), use Malathion instead of Sevin.

How much do I water, you say? Tomatos need about an inch of water a week. That holds true for most of the other garden vegetables hereinafter mentioned.

(MORE)

As you approach harvest, drooling and kneading your hands, you will be thinking about that bright red color you saw on the seed package. To be assured that your tomatoes have it, watch the temperature. If it gets above 80, pick 'em and store at 68 degrees. Tomatoes exposed in high temperatures may come on, like, yellow.

RADISHES--No problem, really.

ONIONS--Not much to talk about now, but next season, if they have to be thinned, do it when the plants are small. This will cause less root damage to the roots of adjoining plants.

LETTUCE--If yours comes out of the patch tasting bitter, don't get sour. Just wash it and put it in the refrigerator for two days. Presto! Sweet lettuce!

CABBAGE--For your future book: It definitely should have shallow cultivation. Do it in the heat of the day to avoid leaf damage. Spray with Sevin only.

GREEN PEPPERS--Many gardeners, it is said, harvest peppers when they're too soft. Shame! Pick 'em when they are hard and glossy. Spray treatment recommended: Zinnab and Sevin.

SWEET CORN--A lot of city folk gardeners try, but few succeed here. Main reason is the corn earworm, which is the same as the tomato worm. When the plant is silking, hit him with Sevin, following directions on the package.

MUSKMELON--Anyone who plants it is probably a pro, anyway, but if this is your first affair, you will be confronted with a crucial decision. When to pick it? Answer: Lift the melon-bearing vine off the ground and if that cantaloupe falls off or "slips," it's ready to eat. If you have to tug at it, leave it be for a few more days.

CUCUMBERS -- Not much to say here, but in case you didn't know, cucumbers are good indicators of the soil fertility in your garden. If the fruit ends are pointy, then you need some nitrogen. If they are pot shaped, the soil lacks potassium. By then, of course, it's too late to do much about it.

However, a low nitrogen content isn't such a bad thing for your tomatoes. One reason tomato blossoms fall off (it's all over, then) is because the plants have had too much nitrogen fertilizer. They'll also drop off when the temperature goes above 90.

Go get 'em, greenthumb!

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --William Richard Qualls, coordinator of educational television for the Southern Illinois Instructional Television Association, died suddenly Tuesday (June 10) morning at his home in Herrin.

Qualls, 42, had been a television studio teacher and SIITA programmer since 1961. The educational TV operation is produced by Southern Illinois University's station, WSIU-TV, for school classrooms throughout the region.

Qualls was pronounced dead at 6:55 a.m. at Herrin Hospital shortly after collapsing at his bedside. He had complained of chest pains shortly after getting up to go to work, according to his mother, with whom he lived.

He received a bachelor's degree from SIU in 1949 and a master's degree in 1950. He taught at Herrin High School before joining the SIU-SIITA television staff.

Immediate survivors include his mother and two children, Rodney and Barbara, by his former wife.

Funeral arrangements were to be announced by the Van Natta Funeral Home, Herrin.

-pb-

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

SIU COUNTRY COLUMN

By Albert Meyer

The drone of power lawn mowers is a frequent neighborhood noise these days as spring showers keep the grass growing vigorously in most lawns. The almost universal replacement of the old-fashioned hand-pushed lawn mower by power machines brings reminders from Southern Illinois University Farm Safety Specialist J. J. Paterson that power lawn mowers are dangerous when used carelessly. Supporting his warnings are frequent news reports of persons being injured or killed because of power lawn mowers.

With proper use and a few common-sense practices of safety, power lawn mowers can make lawn maintenance a pleasant experience, he says. Here are his suggestions:

1. Make certain the lawn is cleared of stones, sticks, glass or metal objects, and other potentially dangerous material before starting the mower. The whirling blades of a power mower can fling a lethal missile in striking such foreign objects.

2. Keep children away from the place where the mower is being used and do not let youngsters operate a power mower. The machines have too much power and are too dangerous to be trusted to children.

3. Always stop the mower and shut off the motor before leaving it alone, or when someone approaches to talk with you. Nor should you try to clean away clogged grass or make adjustments while the motor is running. Many fingers have been lost from such carelessness.

4. Keep the mower in good operating condition. Clean and lubricate it before use, tighten bolts and nuts regularly, keep the motor in good running order, and keep the cutting blades sharp. In starting the motor, keep the feet placed firmly and clear of the motor blades, being certain the mower is out of gear.

5. Dress properly for the mowing job. Wearing sturdy shoes is important. Wearing sandals or going barefooted is inviting the chance of mangled feet in case of slipping and falling into the mower. Avoid mowing the lawn when the grass is wet from heavy dews or rain because wet grass tends to clog the mower and also increases the danger of slipping and falling while mowing. When mowing on slopes, move across the slope rather than up and down to reduce the danger of falling or losing control of the mower.

6 - 10 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Dow Chemical Co. with headquarters at Midland, Mich., has granted \$1,000 to Southern Illinois University, Carbondale, to support nitrogen fertilizer research by George Kapusta, supervisor of SIU's Southwestern Farms Research Unit in St. Clair County. Prof. Joseph Vavra, SIU soil fertility specialist, is cooperating in the study.

Kapusta says he is exploring the problem of winter time losses of the ammonium forms of nitrogen through denitrification and leaching from Southern Illinois soils. Nitrogen is most available to plant use when in the ammonium form. The losses result from the action of certain bacteria in the soil which convert nitrogen from the ammonium form to nitrite or nitrate forms which can be lost either by leaching out of the soil or disappearing into the atmosphere.

The firm's grant will support studies of the influence of a Dow-developed chemical, called "N-Serve," which is supposed to inhibit the activity of the denitrifying bacteria responsible for nitrogen losses. Any substance which will hold nitrogen in the ammonium form for extended periods of time will give farmers greater leeway in timing nitrogen fertilizer applications, Kapusta says. This study will explore the feasibility of making fall applications of anhydrous ammonia fertilizer on crop land scheduled for spring crops, such as corn.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --A probe into the cause of a fire that devastated Southern Illinois University's Old Main Building continued Tuesday as University officials pursued plans to level the ruins and build a memorial on the site.

Demolition of seared walls above the second floor proceeded gingerly in order to save as many of the old building's bones as possible.

Rino Bianchi, assistant to Chancellor Robert MacVicar, said the original cut stonework, limestone and sandstone ornamentation, terra cotta--even salvaged hand-hewn nails--will be preserved. Hopes are to use the salvage in the memorial.

Meantime, five deputies of State Fire Marshal Joseph Patton spent the day taking testimony from fire witnesses and fighters, searching for clues to the Sunday fire.

They are expected to begin sifting remains later for physical evidence.

The 82-year-old building was destroyed by a fire which apparently erupted about 7:30 a.m. Sunday in a rifle range area of the attic. But Carbondale fireman Charles McCaughan, first to get there, said three fires also had started on the third floor, away from the main blaze.

Campus Architect Willard Hart said demolition will proceed in three stages. Dangerous high walls will be removed, then beams will be pulled out to unload the floors still in place.

Then salvage crews will be sent in to remove remaining equipment and furniture. Finally, an outside contractor will be hired to do a piece-by-piece removal job on the foundation and stairways, with an eye to the memorial or possible later reconstruction of some Old Main features elsewhere on the campus, Hart said.

Among historic pieces of the building saved was a marble dedicatory plaque marking reconstruction of the building in 1887. It had been destroyed by fire once before, in 1883, only nine years after doors opened for SIU's first class.

A 180-foot clamshell crane was moved to the site from the new Life Science II Building construction for demolition and retrieval work.

6 - 10 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Revision of the curriculum in physical education for women at Southern Illinois University, Carbondale, is under study by a faculty committee, according to Dorothy Davies, department chairman.

"The curriculum committee is proposing a central core of studies but permitting students to specialize in a particular area such as aquatics, dance, individual sports and other fields," Miss Davies said.

The study is headed by Charlotte West, assistant professor.

Another committee is developing proficiency examinations which would permit students demonstrating adequate ability in physical education to waive freshman-sophomore requirements in this field, Miss Davies said.

During the past 12 months General Studies (freshman-sophomore) classes conducted by the department have enrolled a total of 5,999 students. In the same period class enrollment for physical education majors has totaled 2,323.

A total of 245 undergraduate students are majoring in the department and 35 graduate students are enrolled. Faculty members number 16.

Current programs of the department include the physical education program for majors; a physical education minor for secondary school teaching; a dance minor, and a concentration for teaching elementary school physical education.

Demand for physical education teachers in the elementary and secondary schools continues at a high level. Salaries for specialists in this field are in line with those in other subjects, Miss Davies said.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --A summer-long series of camps for kids who don't have it so good begins June 29 on the shores of Little Grassy Lake, 10 miles from here.

It will be the 15th annual resident camping program conducted by Southern Illinois University at its Outdoor Laboratory, and designed foremost for children with mental and physical handicaps, as well as those who are underprivileged.

One and two week sessions for a total of more than 600 children are scheduled through the second week of August at the two camp communities operated by SIU in the Laboratory.

One--called Akwesasne--will be filled with youngsters sponsored by the Soldiers and Sailors Home in Normal and the Illinois Welfare Association in cooperation with the Illinois Youth Commission.

The other--Little Giant--will be populated by children in wheelchairs, children in braces and supports, children with canes, and children limited by the irreversible condition of mental retardation.

Despite their disabilities, the campers at Little Giant will be living it up outdoors in ways little different from those in the "normal" setting of Akwesasne.

Horseback riding, archery, swimming, overnight "campouts" in the wild, riflery, crafts and nature study are activities common to both.

Handpicked high school and college students, many of them veterans of several Little Grassy Camp seasons, will serve as workers and counselors. At Little Giant--where the ratio between counselors and campers may be as low as one-to-two--workers will live with their handicapped charges around the clock.

Both camps in the lakeside complex include cabin and dormitory facilities, dining halls and activities areas.

Glenn (Chip) Marlow of Herrin, an SIU June graduate in forestry and three-year varsity football letterman, will direct Camp Akwesasne.
(MORE)

Heading the program for handicapped children at Little Giant will be Stephen Frattini of Marion, SIU junior in the College of Education who has been a resident student worker in the Outdoor Laboratory for three years.

Counselors will report a week early (June 22) for special program training.

Other resident camping programs scheduled in the Laboratory during the summer include Camp Ben Frankel, sponsored by the Jewish Federation of Southern Illinois; the national Red Cross Aquatic School; Conservation Workshops from June through August, sponsored by the Illinois Office of Public Instruction and various community civic and sportsmen's groups in Illinois; a late August camp for adults with cerebral palsy, sponsored by the Illinois Cerebral Palsy Association; and the annual SIU Alumni camp.

-pb-

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Opening the 1969 repertoire of the Summer Music Theater at Southern Illinois University, Carbondale, will be the Broadway musical satirizing the rock-and-roll generation, "Bye Bye Birdie," slated for performances June 20-22, June 27-29 and Aug. 14-15.

The repertory company will perform each weekend during the summer season, giving three separate runs of each production. "Gypsy" will be played July 4-6, July 11-13 and Aug. 16-17; "Unsinkable Molly Brown," July 18-20, July 25-27 and Aug. 21-22; and "Kismet" Aug. 1-3, 8-10 and 23-24.

Performing personnel of the company are college singers, actors and dancers selected from colleges and universities across the country. The company is directed by William K. Taylor, associate professor of music, assisted by professional directing staff and choreographers, technical crew, designers, costumers and orchestra.

Mail orders for season tickets should be sent to Summer Music Theater, Music Department, Southern Illinois University, Carbondale, Ill. 62901. A stamped, self-addressed envelope should accompany each order. Season tickets are \$9 for adults, \$7 for SIU students and for persons 18 years of age or under. Single admissions are \$2.75 for adults, \$2.25 for students and others 18 or under.

The box office at the University Center Information Desk opens June 12.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Chicago insurance executive and philanthropist W. Clement Stone will be keynote speaker at the third annual Southern Illinois University Secretarial Seminar on Tuesday, July 1.

Stone will open the five-session seminar with a presentation of his system of "Success Through a Positive Mental Attitude." He is president of Hawthorn Books, Inc., and editor and publisher of Success Unlimited, monthly inspirational magazine.

The Secretarial Seminar is conducted by the SIU Division of Technical and Adult Education to "upgrade techniques and work habits of the currently employed secretary," according to Assistant Dean Glenn E. Wills. Sessions will be in the University Center Ballroom from 7 to 10 p.m. Tuesdays, July 1, 15, 22 and 29 and August 5. The fee is \$15.

Other sessions will cover typing skills, shorthand techniques, improved communication, grammar and punctuation, isometric exercise and preparation for the duties of secretaries in the offices of the future.

Speakers at the sessions will include speed typing expert Franklin H. Dye of Northern Illinois University; Isaac P. Brackett, chairman of the SIU department of speech pathology and audiology; Hilda Born, president of the Carbondale Chapter of the National Secretaries Association; Robert R. Spackman of the SIU department of physical education; Gladys Blanton, acting faculty chairman of the SIU Vocational-Technical Institute cosmetology program; Mary Walker, administrative secretary in the SIU chancellor's office; and faculty chairman Chester Johnston and instructors Margaret Garrison and Ronald L. Case of VTI business programs.

6 - 13 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --The classroom space battle that Southern Illinois University has been fighting for the past two decades is on in earnest again after the fiery destruction of Old Main Building June 8.

Twenty-four teaching classrooms were wiped out in the fire and most had been booked for summer term classes. The classes have been reshuffled to other campus locations, according to Assistant Registrar Herbert Wohlwend, but the picture for next fall is clouded.

SIU expects a record enrollment on the Carbondale Campus this fall (21,500 last year) and a search for additional class space was underway when Old Main went up in flames.

The fire has been officially attributed to arson and a \$10,000 reward fund has been established for an arrest and conviction in the case.

Wohlwend said Old Main's summer class assignments have been switched to a dining hall at the Thompson Point student residence area (Lentz Hall), individual classrooms in the Thompson Point halls themselves, and to the Agriculture Building seminar room as well as auditoriums in Morris Library and Wham Education Building.

Three geology department barracks which could provide 12 classroom spaces may be converted for the fall term. The department is scheduled to move into Parkinson Laboratory building. But Wohlwend said 12 to 15 more rooms will be needed for the fall.

The offices of the history department, also lost in the blaze, will be moved at least temporarily to the Woody Hall office building. No decision on relocation of English department teaching assistants' offices has been made.

The SIU Museum, another Old Main fire casualty, is operating out of three former houses on the east side of the campus.

(MORE)

SIU officials met in Springfield Friday (June 13) with representatives of the Illinois Board of Higher Education to discuss an emergency building appropriation. The University will seek funds to replace the space lost in the fire, but not on the same site.

Plans are being considered for a memorial to Old Main, on the spot where its scarred remains now stand. Salvage material from the old building will be used in the memorial.

SIU President Delyte W. Morris announced the arson finding and the reward offer at Wednesday (June 11) graduation ceremonies on the campus.

A private telephone, manned 24 hours a day, has been set up to take any information callers might have relevant to the investigation. The number is 457-5323 in Carbondale (Area code 618), or persons may write or visit Carbondale Fire Station No. 2, at 202 S. Oakland Ave., to give information.

SIU Security Police said several calls had been received Thursday and Friday and were being followed up in the continuing investigation.

-pb-

6 - 13 - 69
From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

Broadcast News Summary

Southern Illinois University at Carbondale will utilize some residence hall space during the summer quarter to provide for classrooms lost in the June eighth destruction by fire of Old Main. Twenty-four classrooms were in the 83-year-old building, in addition to museum and office space. Hard on the heels of the announcement by fire officials that the fire had been deliberately set, University President Delyte Morris announced a \$10,00 reward for arrest and conviction of those guilty. A special telephone is manned around the clock to receive information. The number is 457-5323. Meanwhile, work of clearing the site is proceeding slowly as detectives hunt additional arson clues and workmen seek to salvage anything of value.

- 30 -

Children, mentally and physically handicapped, will arrive beginning June 29th for the 15th annual camping program sponsored by Southern Illinois University at its Little Grassy Lake facilities. More than six-hundred children will spend one or two weeks at the camp during the summer, engaging in an amazing number of activities usually associated with physical fitness--such things as horseback riding, swimming, archery, and overnight campouts. Handpicked college and high school students will serve as workers and counselors, living with their charges around the clock. A separate camp will be operated for underprivileged children. The University receives assistance from state and federal agencies in operating the camps.

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(MORE)

More than three-hundred-thousand dollars in research grants have been announced this week for projects at the Carbondale Campus of Southern Illinois University. The National Institute of Mental Health awarded nearly \$187,000 to the psychology department to support research by doctoral degree students. Meanwhile, the chemistry department announced receipt of a \$43,000 grant for research in titanium compounds and the National Institute of Health announced \$132,000 to support research in microbiology.

- 30 -

Two plans to assist the South American nation of Brazil with its agricultural problems were announced this week at Southern Illinois University. A plant industries professor, Joseph Vavra, has been granted a leave of absence to serve as a soil fertility consultant with the Brazilian Ministry of Agriculture. In a separate move, International Services Dean John Anderson said the University had been invited to submit a proposal for cooperative work in agriculture with the University of Santa Maria. The invitation came from the Food and Agriculture Organization of the United Nations.

- 30 -

A Broadway musical, "Bye, Bye, Birdie," will open the summer music theater season at the Carbondale Campus of Southern Illinois University. It will be presented June 20, 21 and 22 and June 27, 28 and 29, in Muckelroy Auditorium. A summer stock company of actors, singers and dancers has been assembled from colleges across the country.

- 30 -

(MORE)

The Salute to Morris scholarship fund memorializing the University president's 20th year at Southern Illinois University now totals \$10,621. University Foundation director Kenneth Miller announced the total at Friday's (June 13) meeting of the Foundation board of directors.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

SIU COUNTRY COLUMN

By Albert Meyer

As wheat fields in Southern Illinois turn golden, J. J. Paterson, Southern Illinois University agricultural engineer, suggests farmers need to ready their combines for the harvest. Having the equipment running properly and adjusted accurately to field conditions is important in obtaining the highest yield possible.

Farmers who get the machinery in good shape before the harvest generally can save the headaches of a mid-harvest breakdown. Paterson makes some suggestions for better harvesting performance from combines.

A final thorough check of the machinery for broken or worn parts is imperative although this chore should have been taken care of during the less busy winter months. Special attention should be given to the V-belts and link chains in the driving mechanisms. Replace other broken or worn parts before harvest time.

Lubricate the machinery properly according to directions in the operator's manual. On self-propelled harvesters, the motor should be tuned, its oil checked and changed if not filled with new oil when stored, and the engine tested for operating efficiency.

Preliminary combine adjustments for the wheat harvest also can be made before going to the field. This means checking the cutting and conveying units, and the grain threshing, separating and cleaning units, using the operator's manual as a guide. Final adjustments can be made in the field after starting the harvest.

(MORE)

The cutter bar height and the speed of the reel usually can be controlled from the seat and need to be adjusted to the field conditions. The cutter bar should be set to harvest all the grain heads without excessive amounts of straw which may cause trouble with clogging the combine and in separating the grain from the straw. The reel speed should be sufficient to deliver the cut grain heads to the elevating platform without throwing part of them over the platform to be lost. Field speed must be adjusted to the harvesting conditions because excessive speeds tend to increase grain losses in the threshing operation.

The cylinder and the concave in the threshing unit need to be adjusted so they will get most of the grain out of the straw without cracking the grain and lowering its market quality. The speed of the cylinder and the threshing racks can be checked with a revolution counter and should be set about 3 to 5 per cent above the normal speed of the machine when empty.

The fan blast and cleaning sieve openings should be adjusted to meet harvesting conditions. Close the lower sieve one notch after heavy dirt begins to appear in the combine's grain tank, and set the fan speed just fast enough to remove most of the chaff and straw without blowing the grain out of the machine.

Paterson says it is desirable to check the grain loss in combining soon after the farmer gets the field opened for harvest. This can be done by dropping three or four open squares made of wire or light wooden slats behind the combine in the cutter-bar swath and in the straw discharge area. This can pinpoint the source of grain losses and give the farmer an idea of how much grain he is leaving in the field during harvest. For every average 18 to 20 wheat grains per square he finds behind the combine the farmer is leaving a bushel of wheat per acre in the field. This information can help him in making adjustments to prevent the loss, Paterson says.

6 - 17 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 24-69 (About people, places and events in Southern Illinois, by Pete Brown
of the Southern Illinois University News Services)

In the fall of 1927 a massive fish kill took place in the Big Muddy River of Southern Illinois. Albert Spiller of Carbondale, a commercial fisherman, described it this way:

"When the killing occurred, more fish were destroyed than it is humanly possible to believe could exist in one stream like Big Muddy...about 60 per cent were game fish, mostly black bass, striped bass, and jack salmon or 'wall-eyed pike.' The first three days of October, Big Muddy was almost white from the dead fish floating down it and it would be hard to estimate how many billions of fish of all sizes were killed. On the sand bars just below Murphysboro, eight or ten wagon loads of dead fish were stranded."

The same thing happened again a year later, Spiller said. "In many places along the river as many as 50 dead fish weighing between 5 and 50 pounds were floating behind drifts."

Those kills were unquestionably the result of sudden jumps in the acid content of Big Muddy. The acid came from the wastes of coal mines suddenly thrown into operation on Big Muddy tributaries.

Periodic fish kills since then, on the Big Muddy and other streams such as the Saline River, have been traced to sulphur acid emanating from mine spoils. However, it appears to be an episodic problem and tightened controls and water quality regulations have helped in recent times.

Which brings up the question: How extensive is pollution in Southern Illinois, right now, when concern over the slumping environment is voiced everywhere?

The answer seems to be, not too severe, at least when compared with the metro areas.

(MORE)

But people who study water and air pollution are concerned about the more subtle forms, those not so dramatically represented.

SIU Fisheries researcher William Lewis identifies one of these as "fertility" pollution, in which decayable material like sewage can drastically reduce dissolved oxygen in water.

A major source is the phosphorous in detergents and fertilizers. A lake or stream loaded with oxygen can be rendered virtually lifeless after phosphorous-induced algal growth eats it all up.

Lewis says another problem for Southern Illinois, so far indicated mainly by circumstantial evidence, is orchard insecticides. His investigations have shown that many farm pond and stream fish kills have happened shortly after orchard spraying.

Pathogenic organisms, particularly from untreated sewage; industrial wastes; mechanical wastes like pulp and coal dust that can smother stream bottoms; dairy and slaughterhouse waste; residual insecticides; even heated water discharged by power plants--these are some of the "bigger and better" varieties of pollutants that Southern Illinoisans, and people everywhere, must come to terms with.

Little Grassy, Devil's Kitchen and Crab Orchard Lakes are all polluted to some degree by insecticides but the Big Muddy remains the most seriously affected stretch of water in our area.

Air pollution? Eldred Hough, of the SIU School of Technology, doesn't see much problem, mainly because of the lack of heavy industry. The sulphur dioxide, hydrogen sulphide and other compounds that plague city residents don't bother this region much; they are reactive and are largely dissipated within 200 miles of the source.

Hough, though, also is concerned about more "subtle" dangers in the air, atmospheric conditions that "no one is paying any attention to."

One is carbon dioxide. If you had put two pounds of CO₂ in the atmosphere 100 years ago, a pound of it would still be there...while additional quantities are being produced all the while.

Another is carbon monoxide whose "half life" is 18 to 20 years. Nitrous oxide is equally persistent; it takes 18 or 20 years for N₂O to lose by half.

Still others with long half lives are the various hydrocarbons, many of which are not produced by auto exhausts and smokestacks at all, but by nature itself. Trees exude terpene--as witness the blue haze that hangs above the Shawnee Hills when conditions are right.

These, says Hough, are the kinds of pollution that "can't be handled by a state board. They are poorly understood now, but in the long range, they're also ones we have to think about."

6 - 18 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Do you have information which might be useful to authorities in identifying the person or persons who started the fire in Old Main on the Southern Illinois University campus?

Call (618) 457-5323. This is the private line installed for channelling information to representatives of the State Fire Marshall. Long distance calls may be made collect. Individuals wishing to report in person or by mail may use the address of the Carbondale Number 2 Fire Station, 200 South Oakland.

For such information that leads to the apprehension and conviction of whoever was responsible for the Old Main fire, the University has been authorized to offer a \$10,000 reward, as first announced June 11.

Robert Odaniell, director of the SIU Alumni Service, said today that contributions to the reward fund and to the Old Main Memorial fund are continuing to be received daily at the Alumni Office. Included have been several large donations, ranging up to \$2,500.

If donations should exceed \$10,000, the reward offer will be increased accordingly, Odaniell said, and the full amount will go to the person or persons whose information leads to apprehension and conviction, regardless of when such information is received.

6 - 20 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Forty students, both black and white, are enrolled in a two-week Southern Illinois University summer workshop on "The Black American Child" which opened June 16.

The short course is taught by Michael Zunich, chairman of the child and family department in the School of Home Economics. Only half of the students are home economics majors, however, Zunich said. Others are majors in such fields as elementary education, geography, health education, psychology, government, English, sociology, economics, and special education.

Emphasis of the workshop is on "understanding the influences of the black child's social and cultural environment," Zunich explained. "We want to develop insight into the black child as a person, as a member of the family, the school and the community. We are considering the characteristics of the disadvantaged child, his special problems and needs, influences of poverty on child relationships, economic influences upon children's learning and motivation."

Guest speakers, including black leaders, slides, records and other resources are being used.

6 - 20 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Federal grants totaling more than \$260,000 have been awarded to Southern Illinois University for graduate research in water studies and library book acquisitions in the booming field of linguistic scholarship.

Botanist Jacob Verduin and Zoologist John Krull will direct an aquatic ecology program which has been awarded a five year \$204,412 grant from the Federal Water Pollution Control Administration. That is a branch of the Department of Interior.

Krull said the grant will provide four to eight graduate fellowships each year for students at the master's and doctoral degree level. Individual stipends will range from \$2,800 to \$3,100, with no teaching duties involved.

The program will involve several SIU departments, Krull said. Students will major in either zoology or botany but must "minor" in such other disciplines as chemistry, mathematics, engineering, geology, microbiology, government, agricultural industries, physics, or economics.

The object of the federal administration is to generate university programs that can meet "important manpower needs for the control of water pollution."

The SIU libraries at Carbondale and Edwardsville campuses received \$60,580 from the U.S. Department of Health, Education and Welfare to strengthen book holdings in linguistics.

Ferris Randall, director of Morris Library at Carbondale, said it is the largest federal grant ever received for library programs at SIU.

He said the field of linguistics is growing rapidly in many of the humanities studies and the library is "flooded" with requests for research and reference works.

Morris Library will receive \$47,000 of the total, with the rest earmarked for Lovejoy Library on the Edwardsville Campus.

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6 - 24 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Julius Dix, assistant principal of Vashon High School in St. Louis, will deliver the feature address at a Parent Involvement Conference at Southern Illinois University at Carbondale Friday (June 27).

Dix will speak at the luncheon session on the topic, "Community Growth through Parent Involvement." All sessions will be held in the University Center Ballroom. It is estimated 200 persons will attend.

The conference is sponsored by the Head Start regional training office and the department of elementary education at SIU, where the regional office is situated. Eleanor Duff, Head Start regional training officer, said Head Start directors, parent coordinators, parents and elementary education students at the University will attend.

The morning session will feature a panel discussion of the subject, "Parent Involvement: Points of View," in which the following persons will take part: Miss Duff; Chairman Dennis Stokes, director of the full-year Head Start program in East St. Louis; and panelists Kay Mendenhall and Linda Bump of Mt. Carmel, Arthur Austin of Cave-in-Rock, Martha Vaughn of Centralia, and a parent involved in the Head Start program at East St. Louis.

There will be opening remarks by Fred Sloan, chairman of the department of elementary education and Billie Zimny, an instructor in the department. Mrs. Zimny will present a film, "Talking Together," prior to the panel discussion.

The Head Start program gives pre-school age disadvantaged children experiences that are designed to put them more on a level with children from advantaged homes when they enter public schools.

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Following a 12-point summer driving check list can save you from being one of those frustrated hood-up motorists whose disabled cars dot the highways during the hot months, say automotive instructors at Southern Illinois University's Vocational-Technical Institute.

Most people remember to prepare their cars for winter, but few seem to realize that hard summer driving requires more care, says L. D. Willey, head of the program. Stranded vacationers are the ones who didn't take time to have simple maintenance performed before they set out.

Willey, and his staff of instructors in the two-year course which trains technicians for research and service areas of the automotive industry, have come up with these 12 rules for summer maintenance:

1. Get a complete tune-up (ignition-carburetion).
2. Have the chassis inspected and lubricated; run engine to operating temperature, change oil and filter.
3. Rotate and inspect tires.
4. Balance wheels.
5. Inspect and pack front wheel bearings and check brakes.
6. Check wheel alignment and adjust steering.
7. Check fan, power steering and air conditioning belts.
8. Lubricate and inspect universal joints.
9. Service air conditioner and heater; check blowers and hoses.
10. Service cooling system and inspect hoses, thermostat and radiator. (Don't forget bugs in the radiator core and evaporator--remove them with an air gun and water.)
11. Inspect wiper blades and windshield washer.
12. Inspect all lights and signaling devices.

Always keep in mind, they emphasize, that the internal combustion engine is a heat engine and heat must be maintained at the correct level for efficient operation. The cooling system is sealed, so the proper thermostat and correct radiator pressure cap must be used, or pressure is lost and the engine will heat. All cars with air conditioners must use permanent antifreeze.

6 - 24 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

FILLER

Botany instructors at Southern Illinois University at Carbondale teach classsss in some Missouri schools using a special "blackboard by wire" hookup over telephone lines.

Historian John Allen of Southern Illinois University has written two books on the history and lore of Southern Illinois.

The spring quarter enrollment of students at Southern Illinois University at Carbondale just equalled the population of the city: 20,500.

A researcher at Southern Illinois University found that retarded children can increase their word power up to 40 per cent after outdoor camping experiences.

The Southern Illinois University Foundation has an estate planning committee to aid persons who want to make bequests to the University.

Morris Library at Southern Illinois University at Carbondale has more than one million books for use by faculty and students.

Southern Illinois University is in the midst of a year-long program commemorating the hundredth anniversary of the birth of Mahatma Ghandi.

A graduate of Southern Illinois University invented the epoxy resins, now widely used for difficult gluing and bonding jobs.

Southern Illinois University at Carbondale now offers a master's degree program in computer science.

Southern Illinois University personnel are studying the diminutive Florida Key Deer in cooperation with the U.S. Fish and Wildlife Service.

The University Press at Southern Illinois University is now releasing recordings of 15th century music.

Nearly 17 per cent of Southern Illinois University's students come from Cook County, according to Registrar's figures.

Southern Illinois University will work with the National Science Foundation to hold 15 in-service programs for high school physics teachers this year.

Teachers from France and Southern Illinois University trade campuses under an exchange agreement between SIU and the French university system.

Two educational radio programs from Southern Illinois University are syndicated on radio stations across the country.

The Safety Center at Southern Illinois University is researching ways of teaching driving to the physically handicapped.

6 - 24 - 69

From University News Services

SOUTHERN ILLINOIS UNIVERSITY

Carbondale, Illinois

Phone: (618) 453-2276

IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 25-69 (About people, places and events in Southern Illinois, by Pete Brown of the Southern Illinois University News Services)

John Cobetto has a problem. It seems that John has this thing about buffalo, a genuine fondness for the beast which is not shared in the slightest by many of his neighbors.

His neighbors are farmers around the town of Taylor Springs, south of Hillsboro in Montgomery County. They grow soybeans, corn, things like that.

John raises buffalo, Asian deer, peacocks, monkeys, things like that.

John's problem is that his bison regard fences as a trifling annoyance separating them from their master's rugged pastures and those lovely bean fields yonder. So they wind not so gently o'er the lea, shoulder aside and tromp across the wire, and then commence to roll gleefully in the freshly-sowed beans, arousing the dust.

So John's neighbors have gone to the county sheriff and he has gone to court and the court has popped John with a temporary injunction. Keep them contained or dispose of them, the court ruled.

These discouraging words and clouded skies have not at this date dimmed John's affection for his home on the range.

But events lately have conspired to shake his faith. At one time he had 18 buffalo out there. His herd is now down to four cows and four calves.

There also was a bull who started it all, it seems. When he headed for the beans, the others were sure to follow. The last time it happened is when the neighbors went to the courthouse. John and a ranch hand rounded up all the errant buffalo except the bull. Cobetto says it has been shot.

(MORE)

He also blames hunters for killing off or scaring away the deer and antelope that once played in his demesne. Cars whizzing by on route 127 decimated his flock, too, and a gnashing of teeth and crumpling of fender has been a not uncommon sound in those parts.

John just likes animals, he says. He once had a black bear but it wandered afield and got plugged by hastily assembled bear hunters.

Had an alligator, John did, but the Montgomery County winter did him in.

Now he's down to the eight sireless bison, a peacock and two monkeys named Maggie and Rosie. Plus a few domestic cows who get along right well with their shaggy and loutish cousins although they do not consort in a family way.

Once in awhile John slaughters a bison, dresses it out and sells buffalo burgers and buffalo steaks. Those who have tasted John's buffalo say it's not bad, like aged beef, but drier.

John says he did not attend the injunction proceeding. He's heard that another hearing is coming up that will permanently put the kabosh on his informal menagerie.

If he's worried, he doesn't sound like it.

"They've got 25 buffalo at the East St. Louis stockyards right now," he said from Taylor Springs. "I saw them yesterday. Think I'll get me some more."

~~SECRET~~
From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
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(MORE)

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6 - 25 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --Mme. Lili Kraus, a Hungarian pianist, will conduct master classes at Southern Illinois University at Carbondale during a piano workshop July 21-25 sponsored by the SIU music department.

Mme. Kraus, a leading interpreter of piano literature from the Viennese Classic School, will concentrate on that period in her lectures July 22 and 23. With the master classes, the workshop will include daily classes in piano literature and styles, private lessons from the SIU piano faculty, and artists' recitals.

Classes will be held in the Morris Library Auditorium, and they may be taken for three quarter hours of undergraduate or graduate credit. Room and board in University dormitories will be available.

Fees for the event include, \$10, general fee; \$35, room and board in University dormitory; \$30.50, undergraduate credit; and \$27.50, graduate credit.

Workshop staff members from the SIU piano faculty are Steven Barwick, Fred Denker, Mrs. Leland Grizzell, Robert Mueller and Kent Werner.

6 -- 25 -- 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --A workshop on vocational business education is scheduled for August 11-12 on the campus of Southern Illinois University at Carbondale.

School teachers, college students, and professional secretaries are encouraged to attend the program, to be held at Furr Auditorium. Emphasis of the workshop will center on office occupations and distributive education, according to H.B. Bauernfeind, workshop director and professor of secretarial and business education at SIU.

Bernard Ohm and Gerald Tapp, both from the State Board of Vocational Education and Rehabilitation, will speak on new dimensions in vocational office occupations, and new dimensions in vocational distributive education, respectively.

Also featured on the program are Mrs. Lita Padgett, Mrs. Phyllis Hill, and Mrs. Cleta Whitacre, all from Marion High School; Eardle Morgan, Harrisburg Township High School, and Mrs. Maxine Pyle and Miss Marie Vincenti, both of Johnston City High School.

Graduate students and teachers may enroll for one hour of credit or audit, while undergraduates must enroll for non-credit, Bauernfeind said.

The workshop is sponsored by the State Board of Vocational Education and Rehabilitation, and the department of secretarial and business education at SIU in cooperation with the University Extension Services.

Further information can be obtained by writing to the extension services or the department of secretarial and business education at SIU.

6 - 27 - 69

From University News Services

SOUTHERN ILLINOIS UNIVERSITY

Carbondale, Illinois

Phone: (618) 453-2276

CARBONDALE, ILL., June --Ralph E. McCoy, director of libraries at Southern Illinois University, received the Scarecrow Press Award Friday (June 27) from the American Library Trustee Association, a division of the American Library Association, meeting in Atlantic City.

The award, which carries a \$500 prize, was made for his book "Freedom of the Press: An Annotated Bibliography," published in 1968 by the SIU Press.

The jury making the award selection termed the book a "significant contribution to library literature."

McCoy's book contains an annotated listing of some 8,000 books, pamphlets, articles, films and other material relating to freedom of the press in English-speaking countries from the beginning of printing to the present.

6 - 27 - 69
From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --A collection of photographs focused on the Southern Illinois coal mining industry will be displayed at Southern Illinois University's Mitchell Gallery July 7-30, Evert Johnson, curator of galleries, has announced.

All are the work of C. William Horrell, associate professor in the cinema and photography department.

The 32 black and white prints deal with the mines, land, machines, men, their tools and equipment, and associated buildings.

"His photographs go further than mere documentation," Johnson said. "The photographic technicality is high and many of the prints show a great deal of sensitivity on an emotional and aesthetic level."

An opening reception will be held at the gallery July 7 from 7 to 9 p.m.

Horrell, a native of Anna, where for five years he operated a commercial and portrait studio, has taught photography at SIU for 20 years. He organized and directed the University Photographic Services, has been photography adviser to the University yearbook and newspaper. For two years he was editor of "The Photojournalist," official publication of the national photojournalism fraternity, Kappa Alpha Mu.

A graduate of SIU, Horrell earned his doctoral degree at Indiana University, writing his dissertation on photojournalism education and newspaper photojournalism practices.

He is the co-author of a text-workbook on Publications Photography which has been adopted by more than 80 colleges and universities; in 1962 he made a comprehensive survey of photography education in higher education, and in 1968 made an updated study under a grant from Eastman Kodak Co.

In 1969 Horrell received an award from the World Color Foundation for his contribution to photographic education.

The photographs to be displayed will be available for purchase at prices ranging from \$5 to \$35. Visiting hours at the Mitchell Gallery are from 10 a.m. to 4 p.m. week-days. There is no admission charge.

6 - 27 - 69
From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., June --The National Aeronautics and Space Administration has lent one of its top computer hands to Southern Illinois University to help SIU make the transition from second to third generation computer equipment.

He is Eugene Brock, a 56-year-old Texan who heads up the computation and analysis division of NASA's Manned Spacecraft Center in Houston.

Brock has been made available to work with computer personnel at SIU's Carbondale and Edwardsville campuses for the remainder of June, after which he'll head back to his home base to plunge into preparations for the Apollo 11 moon landing flight scheduled for July 16.

SIU's data processing centers on the two campuses now operate with "second generation," or transistorized, computers.

The University has applied for a National Science Foundation grant to help finance the acquisition of third generation computers solid state equipment with much greater speed and sophistication.

Brock is working directly out of the office of SIU President Delyte W. Morris, who originally requested his assignment. NASA regulations permit such leaves for its members, allowing them to pick up additional academic experience while affording the universities the benefits of their own specialized technical knowhow.

A one-time high school music and graphic arts teacher, Brock went to Texas A and M University in 1941 as an assistant engineering dean.

He first became acquainted with computers in 1951--when they were still in their vacuum-tube infancy--while on leave working at the Atomic Energy Commission's Nevada test site.

He's been with the space program since 1957, first as manager of the General Electric Computer Center at the Marshall Space Flight Center in Huntsville, Ala.

(MORE)

The Houston data center, a galaxy of hybrid, digital and analogue equipment, provides a continuous information processing and analysis check on Apollo before, during and after flights.

One prime function of Brock's unit is breaking down the millions of "bits" of telemetry information from flights into hard engineering data used to analyze the flight performances.

Looking back on the dizzying advances in computer art over the past decade, Brock hesitates to predict just how many more can be expected in the next 10 years.

He does think that most businesses, down to the corner supermarket, will be run by computers.

Brock turns off the pressure-cooker stress of the Center's round-the-clock operation by painting. His oils and prints have been featured in several one-man gallery exhibits.

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

SIU COUNTRY COLUMN

By Albert Meyer

Johnsongrass is a tough grassy weed problem for some Southern Illinois farmers, especially those who grow crops in the river bottom areas where infestation is most common. This is due mainly to the spreading of seed and plants during highwater periods when some of the farm land is flooded by overflowing river tributaries or surface water building up behind levees during river flood stages.

Johnsongrass can be controlled by a combination of chemical treatment and cultivation, according to Southern Illinois University crops specialists, but it requires persistence. A major problem in eliminating the pest is the failure of all landowners in the area to make a concerted effort to fight the problem. Hence, the plants may spread by seed or rhizomes from one field to another.

Specialists say the best practice is to treat spots of Johnsongrass with chemicals before they have a chance to spread. Left alone a small patch of the grassy weed will spread rapidly by the rhizomes or roots which send up new shoots.

Dalapon still is considered one of the better chemicals for killing Johnsongrass topgrowth in non-cultivated areas or in wheat stubble after the grain has been harvested. In fact, a harvested wheat field is one of the best places to start treating fields infested heavily with Johnsongrass. After wheat harvest, allow the Johnsongrass to grow to about a foot in height and cut with a rotary mower. Repeat the practice and follow with a treatment of dalapon spray after the new growth has started vigorously in warm moist weather. Use about 8 to 10 pounds of the chemical in 40 gallons of water per acre to kill the established growth.

Such fields can be planted to corn or soybeans in succeeding seasons as row crops in which Johnsongrass seedlings can be controlled by a combination of cultivation and band treatment with pre-emergence weed killing chemicals. The list of approved chemicals is limited but a few are effective and recommended when applied according to directions. Eptam is suggested for corn, but also may be used in soybeans for Johnsongrass control according to SIU tests. However, farmers are warned that Eptam must be applied carefully to avoid damage to the corn or soybean plants. Lorox has been found fairly useful for both. Amiben at recommended rates has done a good job on Johnsongrass seedlings in soybeans, and some farmers have reported good results with Treflan.

Most specialists suggest applying the chemicals in a band over the row and using cultivation to keep the weeds from between rows. Eptam and Treflan do best if worked into the soil at application. All should be applied at planting. Because of the reservoir of seed in the soil, it will take from three to five years of such cropping to get rid of Johnsongrass.

7 - 1 - 69
From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 26-69 (About people, places and events in Southern Illinois, by Pete Brown of the Southern Illinois University News Services)

It may be all over for the remaining elm trees in Carbondale and if experience in the northeastern U.S. is a teacher, that can do nothing but bode ill for elms all over the region.

The twin ravages of Dutch elm disease and the virus, phloem necrosis, have beleaguered the downstate area for years now. Some of the hardier and well-tendered elms have withstood the assault but at least one expert doubts that they can prevail much longer.

John Andresen, chairman of the forestry department at Southern Illinois University, says plain indifference is the reason that elm bark beetles are laying waste to Carbondale's trees at an unprecedented rate this summer.

One infested tree in one yard was allowed to stand long after it had died, says Andresen, and the beetles proliferated and then jumped to another one...then another...and another. Each time this process takes place, he said, the beetles increase a hundred to a thousand fold.

These bugs carry a fungus on their legs and backs and it is the fungus that kills. Phloem necrosis is spread by a different insect.

Andresen thinks new strains of the Dutch elm fungus have been developing as the disease has marched down through Illinois. The new breed is able to overpower the natural resistance of most elms.

He isn't at all happy about what's going on.

"I've seen it happen again and again in the north and northeast and the same pattern is developing here in our area. We're too cheap to invest a few dollars in community control programs that would involve both homeowners and city governments in the responsibility. There is nothing in our codes about programs and procedures for urban forestry. Nothing to prevent even city departments and utilities companies from indiscriminate damaging of trees in their maintenance operations."

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Efforts are being launched to set up an urban forestry plan for Carbondale and under a summer work experience program supported by SIU, local high school youths are now surveying the town's existing trees. Hopes are to set up a master catalogue of tree species, their size and condition. If it appears that a certain kind of tree is ailing, then maybe some crash therapy can be applied.

But, says Andresen, it's probably too late to save the elms. Danger signals also have been run up for short leaf, Scotch and loblolly pines. They're under siege from a root rot disease which has become a serious problem at Crab Orchard Refuge and is difficult to arrest, Andresen reports.

Ditto for oak trees in Metropolis, where a wasp-like creature has reduced many 100-footers to "things of ugliness instead of beauty." Andresen says the wasp stings the ends of branches to lay an egg. A gall the size of an orange develops, inside which the grub happily feeds on the tree's juices.

There are only two ways to cope with the elm bark beetle. Elms should be fertilized, irrigated and constantly sprayed (with malathion, not DDT), to build up strength and kill beetles as soon as they get into the bark.

Or, once they begin to die, they should be cut down immediately and burned.

Infested elms show a rapid browning and loss of leaves. You can cut off a branch, look at the inner annual rings, and you will see rusty spots and discoloration.

To check for phloem necrosis, cut through the bark of buttress roots at the lower trunk. If the bark's inner surface is a butterscotch color, pare off a piece of the layer and hold it in your closed hand for a few minutes. Then sniff it. If the tree is sick, you will detect a faint odor of wintergreen.

If either of the signs are confirmed, then get out the ax. Both diseases are 100 per cent fatal.



7 - 1 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Southern Illinois University's Museum is "back in business" following the fire of June 8 which demolished Old Main, in which it was housed.

Staff members have moved into temporary quarters, research on various collections has been resumed, and plans made for "taking the Museum to the people" through "mini-displays" and tours of Museum installations and archaeological digs.

"The Museum is not just exhibits or the physical facilities for exhibits," J. Charles Kelley, director, declared. "It is staff, collections, restoration and preparation of artifacts and other materials, research on specimens, educational programming.

"The only things we lost in the fire were the facilities for display and preparation, plus a comparatively small quantity of books and manuscript materials. None of our research collections were damaged for they were already housed in scattered laboratories."

Kelley has moved his office to his laboratory at Sunset Haven, west of the campus, which already housed the Museum's archaeological and ethnic collections. Robert Rands, curator of Mayan archaeology, has set up his office in his Mayan laboratory at 613 1/2 S. Marion, and George Fraunfelter, curator of geology, has moved to his laboratory at 602 S. Marion.

A University-owned former residence at 207 E. Pearl is the administrative staff headquarters for Assistant Director Basil C. Hedrick; Dale Whiteside, curator of exhibits and education; catalogers, and secretarial staff. The Mobile Museum project is at 108 E. Park and a house at 612 S. Marion has been acquired as a storeroom.

In addition to praising firemen and University students who salvaged Museum property and equipment from the fire, Kelley called the work of the Museum staff and student workers in so quickly relocating its offices "superb, far beyond the line of duty."

Whiteside said the Museum is requesting and receiving permission to use certain display cases in various University buildings for "mini-displays," focusing the emphasis on the Museum's research activities. It also will purchase some display cases for installation in lobbies, lounges and other public areas.

"We feel that the entire campus is, more than ever, our Museum," Hedrick declared. "We will continue to serve our campus and community patrons to the best of our abilities--through displays, tours of Museum installations on the campus, and guided trips to our archaeological digs such as the one near New Athens."

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry, no matter how small, should be documented to ensure transparency and accountability. This section also outlines the various methods used to collect and analyze data, highlighting the role of technology in streamlining the process.

In the second section, the focus shifts to the challenges faced by organizations in managing their financial resources. It explores the impact of market fluctuations and the need for strategic planning to mitigate risks. The text provides a detailed analysis of the current economic landscape and offers practical advice on how to navigate these uncertainties.

The third part of the document delves into the specifics of budgeting and financial forecasting. It discusses the importance of setting realistic goals and the need for regular reviews to adjust the budget as circumstances change. This section includes several examples of budgetary templates and explains how to interpret the data they provide.

Finally, the document concludes with a summary of the key findings and a call to action. It encourages organizations to adopt a proactive approach to financial management and to seek professional advice when needed. The text also provides contact information for further assistance and resources.

7 - 1 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July ---Corn plots treated with liquid starter fertilizer (pop-up) have shown promising results at certain rates and placement conditions in studies at Southern Illinois University. Varying applications rates and placement methods were used. The work is in its second year of field testing at SIU's Southwestern Farms Research Station in St. Clair County near Belleville.

Ronald Raber, SIU graduate student from Flanagan, Ill., and Prof. Joseph Vavra of Southern's plant industries department, have established through the two years of tests some optimum rates and placement methods for the most effective results in using starter fertilizers with corn.

They used a 10-34-0 liquid fertilizer solution in broadcast, banding, and direct seed contact methods of application, using the fertilizer at 50, 100, 200, 400 and 600 pounds per acre. Thus they were able to observe the efficient development of corn plants. The studies were partly supported by grants from the Phillips Petroleum Co., Bartlesville, Okla.

In 1968 two methods of application were used: the contact placement of the fertilizer with the seed, and banding, in which the fertilizer was placed to the side and two inches below the seed. At the 50-pounds/rate, the contact application method outyielded band application. At the 100-pounds/rate, the banding produced the same yield as the contact application at the 50-pounds/rate. Generally, as the rate of application increased above the 200-pounds/rate, yields went down in the plots where fertilizer was in contact with the seed. This is attributed to the salting effect of fertilizer when in contact with the seed, Vavra explained.

The 1969 plots showed a different picture. Thirty-four days after planting on May 2 corn plants were removed and the dry matter calculated. The fertilizer contact group at the 50-pounds per acre rate of 10-34-0 produced by far the highest yield of dry matter (total plant tissue less the water). The banded group yielded well, but it was significantly less than the contact plots. The broadcast application did not respond noticeably to treatment. Adding starter fertilizer beyond the 50-pounds/rate did not seem to improve the plant yield. Vavra said the reason the 1969 corn did so much better than the 1968 plants apparently was because the plots were planted a month earlier this year than last due to weather conditions. He believes the starter fertilizer gives a much better response in the cool and wet conditions of normal early spring planting than later plantings.



7 - 1 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Jack W. Graham, Southern Illinois University professor of higher education, will join an SIU team helping the Asian country of Nepal develop its vocational education program, it was announced by Dean John O. Anderson of the Division of International Services.

Graham, who heads the College Student Personnel Graduate Studies program in the higher education department, will leave late this month with his wife, Sofie, and their children, Mark, 12, and Karen, 8, for Kathmandu, capital of Nepal, where the children will enter an English-speaking school operated by the U.S. Agency for International Development. He will undergo a period of orientation in Washington, D.C., prior to leaving on the two-year assignment.

The University, under contract with AID since 1966, has helped train vocational teachers in the areas of agricultural, trade and industrial, home science, and secretarial education to work in Nepal's multi-purpose high schools. The program also has assisted in upgrading vocational needs of business, industry, government, and community.

Graham will be a research and measurements adviser assisting with the general evaluation of student progress in the school system. He also will work with the further development of student personnel services at the National Vocational Training Center at Kathmandu. He said he will work with a former SIU student, Prem Sharma, who returned to Nepal in June after studying a year under Graham in the student personnel program here.

Graham, who came to SIU in 1951, has served as University Dean of Students, as coordinator of Undergraduate Academic Advisement and coordinator of the Counseling and Testing Center on the Carbondale Campus. He has a Ph.D. degree in student personnel work and psychology from Purdue University.

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Bystanders watch in the rain as firemen attempt to get at lightning-sparked fire in the home of Southern Illinois University President Delyte W. Morris Tuesday (July 2). More than 100 other students worked volunteer rescue effort that saved most of the Morris' personal belongings. Lightning hit a television antenna, then jumped to air conditioning unit, starting blaze, according to investigators.

STAFF PHOTO

SOUTHERN ILLINOIS UNIVERSITY

Carbondale, Illinois

Phone: (618) 453-2276

7 - 2 - 69



7-2-69

7 - 2 - 69
From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --A fire believed started by lightning extensively damaged the Carbondale Campus home of Southern Illinois University President Delyte W. Morris Wednesday (July 2).

The fire was discovered by Mrs. Morris shortly before 10 a.m., during the peak of a thunderstorm. It was reported under control at 10:45 a.m.

No damage estimate was available immediately but heavy smoke and water appeared to be the most serious effect.

The fire was centered in a second floor bedroom suite and attic at one end of the house. Carbondale Fire Chief Ulmont Crashaw and acting SIU Security Chief Capt. Carl Kirk said tree limbs around an outside television antenna and an air conditioner in the suite were severely scorched.

They said lightning apparently struck the antenna, traveled down it, then arced to the air-conditioner.

Mrs. Morris went to the President's office building next door to report the fire after she noticed smoke coming from the second floor area as she was closing windows against the rain.

Paul Morrill, president's assistant, responded with a fire extinguisher and said the suite was ablaze when he arrived. Carbondale pumper units arrived shortly thereafter.

More than 100 SIU students, faculty and staff members rushed to the house and formed "human chains" to remove the Morris' possessions including a large collection of art and cultural objects from around the world. Virtually all were saved by the volunteers.

Morris was on the Edwardsville Campus at the time. He left for Carbondale at 11 a.m.

With Mrs. Morris in the home were Rolli Raje, sister of her son's wife, Mrs. Michael Morris, and the family maid, Mrs. Ressie Richardson.

Almost all furnishings except those in the suite were removed safely. Included was a baby grand piano, hauled out by four students.

No decision on a temporary residence had been made by noon. A new president's residence and SIU guest home is being constructed near the Campus Lake, but it isn't expected to be completed until next spring.

SIU Treasurer Robert Gallegly valued the old home at \$55,400.

Old Main Building at SIU was destroyed by fire June 8. An arson investigation is still underway.

-pb-

7 - 2 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --A \$92,962,548 budget approved by the state legislature for Southern Illinois University during the next fiscal year was greeted with a mixture of satisfaction and disappointment by SIU officials Tuesday (July 1).

The amount budgeted for operations--\$78,589,300--was generally conceded to be satisfactory, but officials termed the allotments for new buildings and improvements considerably below adequate provision for pressing needs.

"Faced with the inevitability of cutbacks," President Delyte W. Morris said, "my feeling is that the reductions were applied by the legislature in the least hurtful manner, and for this we are grateful."

President Morris pointed out, also, that because the SIU enrollment was underestimated last biennium, reductions made according to the Higher Board formula were much greater than they would have been if the predictions could have been exact.

SIU at Carbondale had requested nine new major projects, of which only three were recommended to the legislature by the Board of Higher Education. Of these, only a Center for the Advanced Study of Physical Sciences and a power plant at the Vocational-Technical Institute Campus made it through the General Assembly.

Two of three Board recommendations for buildings at the Edwardsville Campus, where five had been requested originally, were included in the final capital improvements bill sent to the governor.

These all were in the form of construction authorizations through the Illinois Building Authority. That agency issues bonds to construct state buildings and the various agencies then pay rent to the IBA.

SIU requests for improvements, land acquisition, planning and other items from tax appropriations were slashed from \$33,212,500 to \$5,107,500. Requested reappropriations totaling \$9,151,000 went through untouched.

(MORE)

"We are disappointed that the capital budget was reduced," said Carbondale Campus Chancellor Robert MacVicar, "but we recognize the limits of the state's resources.

"We will proceed in orderly fashion on the Advanced Physical Sciences building and with planning on the other two buildings not approved for this year. The development of the campus won't be seriously delayed if provision is made for the other two buildings in the next fiscal year."

Edwardsville Chancellor John Rendleman said the capital cut would "work some hardships on the plans for expanded educational opportunity, but the campus will continue to grow."

He said provisions for an expanded faculty to meet expected enrollment increases at Edwardsville are covered in the approved budget. Rendleman projected a fall term enrollment of 12,000 at Edwardsville, which would be an increase of 1,700 over last year.

An emergency bill requesting a \$4,988,000 IBA authorization for a building to replace Old Main, which was destroyed by fire June 8, has gone to the governor. It is in addition to the regular building budget. The bill also requests appropriations of \$1,148,762 to cover the first-year of IBA service costs, the razing of Old Main, and acquisition of temporary classroom space.

Another item in the SIU budget bill appropriates \$114,748 for fire protection at the two campuses. Most of this is to be used in the form of subsidies to local fire departments for expanded coverage to the campuses.

7 - 2 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Southern Illinois University will host the first institute for newly elected municipal officials to be held in the southern part of the state on July 18-19, sponsored by the Illinois Municipal League.

The University's departments of government, community development services and extension services are cooperating with the League in this year's institute.

Registration for the institute will begin at 8 a.m. on July 18 in the University Center. Morgan F. Phipps, Mayor of Mattoon and president of the League, will preside at the opening sessions.

Mayor Robert Butler of Marion will preside over the afternoon sessions on July 18. Dr. Jack Struck, Mayor of DuQuoin, will preside at the dinner on the evening of July 18 at the Holiday Inn here. John S. Rendleman, chancellor of Southern Illinois University at Edwardsville, will deliver the main address at that dinner.

Topics to be discussed during the institute will include the role and status of the Illinois Municipal League; sources of municipal revenue and the levy and appropriation of taxes; licensing and regulation; municipal street and motor fuel tax; municipal control of alcohol; and community relations.

Registrants for the institute also will hear a report on the up-coming state constitutional convention.

Additional information and registration forms are available through the University Extension Services, Carbondale, Ill.

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7 - 8 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Pre-historic Indians who occupied the banks of the Kaskaskia River, near New Athens, had their own micro-tools for particular work on their ceramics and in making other implements, a Southern Illinois University archaeologist reports.

Results of two summers' field excavations at the Marty Coolidge site five miles south of New Athens are reported by Carl Kuttruff in the Museum's new journal entitled Southern Illinois Research Records.

Along with thousands of pieces of pottery, arrowheads, hammerstone, drills and other tools, Kuttruff and his field crew turned up almost 100 small flint items which were obviously used for cutting purposes--50 chert flakes, a couple of miniature scrapers (probably originally having hafts), 24 flake scrapers, nine "turtle-back" scrapers (thick flakes steeply chipped on all sides), and 14 spokeshaves used for shaping objects such as arrow shafts or bone drills.

"This is a new category of artifact that has not been defined previously for this area," Kuttruff says. He points out that similar micro-tools have been found along the Wabash River and in the Lower Mississippi Valley.

Most of these discoveries seem to be of the Middle and Late Woodland period (about 400 B.C. to 900 A.D.), although some were found in pits identified as Mississippian (900 to 1450 A.D.).

Under a grant from the National Park Service, the University Museum during the winter of 1965-66 conducted a preliminary survey of the area of the Lower Kaskaskia to be affected by the proposed Kaskaskia canalization project. This survey located 38 new pre-historic occupation sites, bringing the total known to at least 61, ranging from Archaic to historic times.

(MORE)



During the summers of 1967 and 1968, also with National Park Service grants, Kuttruff conducted salvage operations, re-examining 10 of the sites recommended for further work, but concentrating excavations at the Marty Coolidge site.

Three large block excavations were made, uncovering post holes outlining dwelling structures, in some cases with Mississippian occupation superimposed on earlier occupations. In addition, four large areas were explored by means of power trenches to remove surface midden with a minimum of hand labor and also to define the limits of the occupation zone.

Kuttruff and his field crew, chiefly archaeology students, have started their third summer of field work and again will concentrate their efforts at the Marty Coolidge site. The Museum plans to hold a conducted tour of this site Aug. 2 to permit visitors to inspect the excavations and also to visit the field laboratory in New Athens.

Kuttruff's crew also will do some highway salvage work this summer--at two locations on the Carlyle by-pass of U.S. Highway 50 and at the Ohio River bridge construction site for new Interstate Highway 24.

The same field party also will survey the Kaskaskia further south, hopefully to Old Kaskaskia, about 10 miles north of Chester.

Copies of Kuttruff's report on "Lower Kaskaskia Archaeology" may be ordered from the Museum, Southern Illinois University, Carbondale, Ill. 62901, or obtained at Museum headquarters, 207 E. Pearl St. Copies also are available of the 1968 report on the Carlyle Reservoir archaeological salvage program by Frank Rackerby. Each is priced at \$1.50. The Museum's Southern Illinois Research Records series is edited by Phil C. Weigand, curator of North American archaeology.

7 - 8 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

ATTENTION: Women's Page Editors

CARBONDALE, ILL., July --Influence of the Spanish revival in the United States on interior and furniture design has been studied intensively by a Southern Illinois University graduate who completed the master's degree in interior design in June.

James Robert Harrington of Carbondale (formerly of Chicago), who for two years held a teaching assistantship in interior design in the School of Home Economics and in 1966-67 taught stage design in the SIU theater department, has now returned to Chicago to enter the professional interior design field.

His thesis for the master's degree is lavishly illustrated with photo-copies of exteriors and interiors of noted buildings, both public and private, which reflect the Spanish influence in design, from the Victorian period to the 1930's, and of furnishings ranging from Moorish taborets to the heavy fumed oak so-called "mission" furniture popular in the early decades of the 20th century.

Stimulating the U.S. interest in Spanish trends were such events as the Mexican War, the California Gold Rush, the Spanish-American War, motion pictures, the Panama Canal, dances such as the Brazilian Maxixe and the Argentine Tango, Chicago's Columbian Exposition and the Pan American Exposition at Buffalo, Harrington points out.

Spanish architecture spread from California through the West, to Florida and Illinois, and even to New York City and Washington, D.C. Theaters, hotels, country clubs and homes of the wealthy displayed the Spanish atmosphere.

(MORE)

-2- Spanish Design

Harrington describes how the Spanish "vargueno"--a drop-front desk-on-a-stand--was adapted for the modern-day radio cabinet, and grand pianos appeared with heavy scrolled legs and iron stretchers. Spanish grillwork was used in both interiors and exteriors. Lighting fixtures were of wrought iron. Portiers and draperies were hung on wrought iron rods or short cranes. Spanish shawls were draped over pianos. Ceramic tiles were used as floor and wall surfaces. Heavy beamed ceilings were often painted with multi-colored scrolls or medallions.

Harrington, a graduate of Goodman Memorial Theater, Chicago, with both the bachelor and master of fine arts degrees, taught at Goodman for two years. He also studied at the Illinois Institute of Technology in the department of mechanical engineering, and at the Institute of Design, Art Institute of Chicago.

A pianist and a professional artist, he has exhibited his art works widely and is represented in a number of private collections in the United States. He spent seven years as assistant to the secretary-treasurer of the Transportation Association of America and has traveled extensively in the U.S., Mexico, Italy, France and England.

He has worked as scene artist for all three major television networks, for the Lyric Opera of Chicago, for the St. Louis Music Theater, at Loyola University and the University of Chicago.

The first thing I noticed when I stepped out of the train was the cold. It was a sharp contrast to the warm blanket of the train. I looked around and saw a sea of people, all bundled up in heavy coats and hats. The air was thick with the smell of coal smoke and the sound of the city in the background. I felt a little lost, but I knew I had to find my way to the hotel. I started walking, following the crowd, and after a few minutes, I saw a sign that said "Hotel". I walked towards it, feeling a bit more confident. The hotel was a grand building with many windows. I went up to the second floor and found my room. It was a simple room with a bed, a desk, and a chair. I sat on the bed and looked out the window. The city was beautiful, with its tall buildings and busy streets. I felt like I had finally arrived. I took a deep breath and smiled. This was my first experience in a big city, and it was everything I needed. I was going to make the most of it.

7 - 8 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Gilbert H. Kroening, native of Altamont, Ill., will return to his alma mater, Southern Illinois University, Aug. 1 as associate professor of animal industries and assistant dean in the School of Agriculture. He will come to the new assignment from Washington State University, Pullman, where he has been assistant professor of swine production since 1964.

In his new assignment at Southern, Kroening will be concerned primarily with supervising the University Farms and also will do some teaching, research, and supervision of graduate students in animal industries. In the supervisory work he will take over the duties of William Doerr, instructor of agricultural industries, who is moving into a teaching and research assignment.

Kroening is a 1959 graduate of Southern Illinois University, majoring in animal industries. While at Southern he was active in student organizations, was a member of Alpha Zeta, honorary scholastic fraternity in agriculture, and was chosen the outstanding senior in agriculture. He received his master's degree in animal industries at SIU in 1960, holding a research assistantship. He continued graduate study at Cornell University, Ithaca, N.Y., holding a graduate assistantship and specializing in animal nutrition. He received his Ph.D. degree at Cornell in 1965 after taking his present position at Washington State.

He is a member of the American Society of Animal Science, Sigma Xi, scientific society, and other organizations. He and his wife, Jean, have one son, three years old, and two daughters, five and one years.

7 - 8 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 27-69 (About people, places and events in Southern Illinois, by Pete Brown of the Southern Illinois University News Services)

When it rains and rains and rains as it did at the tail end of June and the nose of July, cityfolk sometimes watch it and pity the struggling farmer, with his wheat or corn or soybeans.

Some of them are having it rough, that's for sure. But some of the cityfolk, too, are going to find out how painful that much rain at this particular time of year can be.

They would be those of us who regard the pollen count as one of life's more ominous signals; those to whom the fruiting of the giant ragweed is an event as fraught with agony as the Hong Kong shakes.

The abundance of moisture killed off some bottomland corn, beat down some soybeans and made some wheat fields impassable at combining time. And it put new vigor and vim into the "horseweeds" that will burst forth in full pollination later in the summer.

A couple of Southern Illinois University botanists we've talked to say hay fever victims can look forward to some bum days late in August and September. It's going to be a banner year for sneezing.

Ragweed is popping up from those ditches and pond banks and vacant lots like crazy. The grasses will be pouring out plenty of pollen. So will other weeds that excite the baneful allergy.

Add to that a likely explosion of spores from certain molds that are growing spiritedly now. Lots of people are supersensitive to the spores of the fungus, *Alternaria*, which should be enjoying boom conditions.

"There's going to be pollen all over the place, come next month," one weed-watcher said.

Aren't we cheerful today? Well, that's the way it is, and there really isn't a whole lot we can do about it. Those who must live with severe pollen allergies probably have already taken their "desensitization" injections, treatments which must be started long before the ragweed season.

The rest can just sniff and wait, boxes of paper tissues at the ready. And hope that the neighbors keep cutting down those weeds.

7 - 8 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

SIU COUNTRY COLUMN

By Albert Meyer

Being badly injured by a runaway team of horses would be a bit unusual but there are many other ways to get hurt or killed on the farm today, says J. J. Paterson, Southern Illinois University farm safety specialist. His observations come with the approach of National Farm Safety Week which starts July 20.

The fact that more than 8,000 persons are killed and three quarters of a million hurt each year in farm accidents is cause enough to emphasize that farming today is a dangerous occupation that calls for farm safety week watchfulness all the time, Paterson says.

Here are a few timely suggestions from him.

1. Check the farm premises for danger spots and remove them--such as junk wire and iron, stray boards with projecting nails, brush, deep holes and dilapidated equipment. Keep ladders and buildings in good repair and check the electrical and heating systems for proper installation and operation. Neat and orderly farmsteads are safer.

2. Store and use properly the poisonous chemicals which now are so much a part of farming. Insecticides, weed killers, and even fertilizers are a continual source of danger when not handled properly. Store them in original containers away from children and animals and dispose of the empty containers as recommended for safety. Know where the nearest poison treatment center is located.

3. Use farm machinery safely and sanely, even in the rush of summer field work. Keep machinery in good repair, use it for what it was intended, and do not try to do all the work on the farm in one day.

4. Practice all the rules of highway safety with your car, truck or machinery. Avoid using public roads as much as possible for moving farm machinery from place to place. If this is necessary, do it during daylight hours and use slow moving vehicle signal devices on the equipment.

7 - 11 - 69
From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Two federal grants totaling \$135,171 for a two-year program of training teachers for poor, youthful offenders have been received by the Center for the Study of Crime, Delinquency and Corrections of Southern Illinois University.

The grants come from the Bureau of Educational Personnel Development (\$70,847) and the National Teacher Corps (\$64,324), both in the U.S. Office of Education.

Cooperating with the SIU Crime Center in carrying out Project LIFT (Learning Internships for Teachers) will be the Illinois Youth Commission and Carbondale Community High School. Project LIFT is an attempt to apply the Peace Corps concept to the training of specialists in urban ghetto education, according to Charles V. Matthews, SIU Crime Center director.

The money will provide graduate internships leading to a master of science degree in education for about 12 to 14 corpsmen, Matthews said. They will begin training September 1.

Those selected to participate will receive both classroom training and intensive field training in facilities of the Youth Commission and at the high school in teaching subjects with which delinquents and young offenders typically have difficulty such as reading, Matthews said. Training also will focus on course work in general education, programmed education and criminological theory.

The object of the program is twofold, Matthews said: to help meet a critical shortage of adequately trained teachers in correctional institutions and in community educational programs for delinquents, and to design and carry out a curriculum which will enable corpsmen-graduates to influence and challenge young offenders to begin or resume their educational development.

Trainees must have a bachelor's degree but it need not be in the field of education, and they are not required to be teaching now, Matthews said. Each trainee will receive a stipend of \$75 per week plus \$15 per week for each dependent during the two-year internship.

Persons interested in applying for an internship may call Matthews' office in Carbondale at 453-5701. All applications must be received and processed by July 30.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Southern Illinois University is joining with industry and government again this summer in the attack against the problems of industrial waste and pollution.

For the second consecutive summer the School of Technology and the Illinois State Technical Services Program of the Illinois Department of Business and Economic Development are sponsoring a program on the control of industrial water and air pollution.

The program includes a two day seminar, July 18 and 19, and a continuing technical information interchange on individual problems of industry which began in June and will continue through September.

The July 18 seminar program will consist of discussion of water pollution and solid waste disposal problems. The July 19 session will deal with air pollution problems.

The seminar will be conducted by University staff members who will be joined by David R. Maneval, director of research and development of the Pennsylvania Department of Mines and Mineral Industries; Don Pecsok, director, Air Pollution Control Division, St. Louis County (Mo.) Health Department; John O'Connor, associate professor of sanitary engineering, University of Illinois; and George Tsao, associate professor, Iowa State University.

Openings are still available for industrial concerns to participate in either or both parts of the program. Interested parties should contact J. W. Chen, associate professor, School of Technology, SIU, Carbondale, Ill., 62901, or phone (618) 453-5293.

The first part of the document is a general introduction to the project.

The second part of the document is a detailed description of the project goals and objectives.

The third part of the document is a detailed description of the project scope and deliverables.

The fourth part of the document is a detailed description of the project risks and mitigation strategies.

The fifth part of the document is a detailed description of the project budget and financials.

The sixth part of the document is a detailed description of the project timeline and milestones.

The seventh part of the document is a detailed description of the project communication and reporting structure.

The eighth part of the document is a detailed description of the project governance and steering committee.

The ninth part of the document is a detailed description of the project closure and handover process.

The tenth part of the document is a detailed description of the project lessons learned and recommendations.

The eleventh part of the document is a detailed description of the project appendix and supporting documents.

The twelfth part of the document is a detailed description of the project glossary and abbreviations.

The thirteenth part of the document is a detailed description of the project index and table of contents.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Basudev Chandra Malla, chairman of the department of political science at Tribhuwan University in Nepal, will be a visiting professor at Southern Illinois University, 1969-70.

Beginning in the fall quarter, Malla will teach comparative government in Southeast Asia. His assignment here is under an exchange program between SIU and Tribhuwan, the only university in the mountainous kingdom in Asia.

Malla and his wife have been here for two weeks. Having been dean of students at Tribhuwan, Malla is interested in student problems, which he described as a "universal disease."

Student unrest in Asian countries often becomes part of a political movement, the Nepalese professor said. The political forces in the developing countries find it an effective way to voice demands, he said.

Student disturbances in this country, Malla said, often reflect student feeling without being motivated by outside forces.

Malla, past president of the All-Nepal College and University Teacher's Association, said the Nepalese government is striving to change the pattern of higher education, and its curriculum.

"We try to teach in colleges and the university things pertaining to our country," he said.

Pragmatism and problem-solving are goals of our higher education, he added.

Of 35 colleges operating in Nepal, 15 offer academic degrees. Half of the college graduates each year go to work with governmental agencies.

Education has made strides since the abolition of the feudal system in 1951, Malla, a fighter against the system, said. Since 1951, the literacy rate has increased from 3 to 12 per cent of the population, totaling 10 million.

As a result of the educational achievement, publishing of children's magazines is a new business in the country. Mrs. Malla, who teaches in a women's college in Kathmandu, capital of the nation, edits a children's monthly, "Balak," or "A Child." The publication, with a circulation of 6,000, contains stories, poetry and essays.

This is Malla's second trip to this country. In 1966 he was a member of the Nepalese delegation to the United Nations General Assembly in New York.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --"The greatest unmet need in education today is in the area of vocational training," according to Sherwood Dees, director of the Illinois Board of Vocational Education and Rehabilitation.

Dees was at Southern Illinois University's Carbondale Campus June 30-July 11 to teach a two week course offered in the department of technical and industrial education of SIU's School of Technology. The course was entitled "A Solution for the Seventies: Vocational Education."

Dees said improved vocational and technical training in the secondary schools would help solve many of the problems of our present society. Training more people for jobs which would enable them to lead productive lives would help reduce prejudice and contribute much toward the welfare of society as a whole, he said.

There is a growing feeling, he continued, that money invested in long range vocational training programs will contribute much more to the betterment of society than that spent for welfare or public aid.

The time to invest, he said, is early in the life of an individual, when the training costs are lowest and before unemployment becomes a way of life, or whenever an individual's skills are obsolete or need upgrading.

Dees said progress is being made in Illinois. He pointed out that aid to vocational education was one of the high priority items in Governor Richard B. Ogilvie's budget this year and that the General Assembly approved a \$14 million appropriation for vocational education--twice that of the previous budget.

SIU, Dees said, is a national leader in the training of vocational education personnel.

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7 - 15 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --New undergraduates are being admitted to Southern Illinois University at Carbondale for the fall term at about the same rate as last summer, but the Graduate School may show its first enrollment dip when the new school year opens.

Admissions director Jerre Pfaff said some 700 new freshman and transfer students have been admitted since the start of summer advanced registration.

They're being advised and registered on Mondays, Wednesdays and Fridays through Aug. 22.

Advance registration of graduate students is running more than 200 behind the 1968 pace, according to Graduate School Dean William Simeone, even though the gap has closed considerably since the winter.

The School counted 930 admissions as of the beginning of July, compared to 1,152 at the same period last year.

Simeone said the decline is at the beginning master's degree level, "precisely the category which is most vulnerable to the draft." If the total graduate enrollment drops from last fall's 4,754 students at the Carbondale and Edwardsville campuses, it will be the first such decline from fall-to-fall since the Graduate School opened in 1950.

Advisers in the General Studies Division--first stop for new incoming students--said the percentage of "shows" is higher than it ever has been.

Estimates are that upwards of 90 per cent of persons who've been sent SIU registration packets have showed up for fall term advisement appointments. "Show" percentages in the past have rarely exceeded 70 per cent.

Pfaff said that's because this year all students who had applied for admission were contacted again in the spring and asked to confirm their registration plans. Those who didn't respond were not given advisement appointments.

(MORE)

The first part of the document is a letter from the President of the United States to the Congress, dated 1793. It is a very important document, as it is the first time that the President has addressed the Congress. The letter is written in a very formal and dignified style, and it is a very good example of the style of the time. The President discusses the state of the Union, the progress of the government, and the future of the country. He also discusses the importance of the Constitution and the role of the President. The letter is a very important document, as it is the first time that the President has addressed the Congress. It is a very good example of the style of the time, and it is a very important document in the history of the United States.

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Despite the expected decline at the graduate level, SIU anticipates another record enrollment for the two campuses. It reached 31,913 last fall.

Only those new freshmen ranking in the upper half of their high school classes, or attaining compensating marks on SIU entrance exams, will be admitted this fall.

Fulltime student tuition and fees are \$115.50 for Illinois residents, up \$25 from last fall.

Residence halls will open Sept. 19, the start of "central" registration for all students who didn't sign up during the summer.

New student orientation events will be Sept. 21, 22 and 23. Students registering after Sept. 22 will be charged a \$5 daily late fee. Day classes start Sept. 24 and all fall term registration will be ended at noon on Sept. 26.

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THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION
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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 28-69 (About people, places and events in Southern Illinois, by Pete Brown of the Southern Illinois University News Services)

Not long before he was murdered by a mob, Abolitionist Elijah P. Lovejoy called an all-out anti-slavery meeting in his hometown of Alton. That was in 1837, and not surprisingly nary a delegate showed from the 28 southern counties of Illinois.

Those were the counties called "Darkest Egypt," a term of derision among northerners who viewed the land south of the National Trail as one peopled by illiterate, violent no-goodniks.

Darkest Egypt also was supposed to be a stronghold of anti-Negro, pro-slavery sentiment, and to some extent it was true.

But now a young historical scholar named Edgar Raines of Murphysboro has put that stereotype to rout with a first-rate piece of research that presents an entirely different picture of pre-Civil War Southern Illinois than the traditional one.

In short, there was an astonishing amount of abolitionist feeling, a lot of it boldly expressed. Raines, who received his bachelor's and master's degrees in history at SIU, counts 381 outright opponents to slavery in Southern Illinois during the decade preceding the Civil War.

Three hard-core abolitionist areas he cites were at Broad Oaks in Pope County; Sparta and Eden in Randolph County; and Hoyleton, in Washington County.

One of the early leaders was James M. West, a representative of the American Missionary Association, sent to Broad Oaks in 1856 to agitate anti-slavery beliefs.

Between then and the outbreak of war, eight men were hired by the AMA to stimulate abolitionist feelings in "Egypt."

They were called "colporteurs," distributors of Bibles and religious tracts. But they also ministered and missionaried. They stopped people on the streets and preached the evils of slavery--also tobacco, alcohol and in at least one case, tea-drinking.

(MORE)

James Scott Davis, a Kentucky missionary and son of a Peoria newspaper publisher, joined West at Broad Oaks and 17 anti-slave men then lived there, Raines says.

Another 17 stood as abolitionists at Hoyleton, founded as Yankeetown in 1856 by Joseph Bent and Onid Miner, anti-slavery Congregationalist ministers. Bent was the brother-in-law of Joannathan Blanchard, president of Knox College and one of the leading abolitionists of the era.

Sparta and Eden made up the largest group, with 112 acknowledged opponents of slavery. Nineteen of them came from slave states; 30 from foreign countries.

Slave catchers, then rampant in southern Illinois, avoided Sparta, which was a major stop on the underground railroad for fleeing southern Negroes. Too many Spartans were just as prone to try and catch the catchers.

Raines' exhaustively documented paper affords some remarkable new insights, proving that the society of Darkest Egypt was far more complex than many have always thought.

For example: A Rev. Hays, pastor of a Methodist Church in Metropolis, conducted integrated services in 1859. However, he made his Negro parishioners sit on a bench at the back of the church. One Sunday, two "abolitionist ladies" staged a silent protest; they rose and joined the blacks. It was a major scandal.

The 1860 election (Southern Illinois, of course, was Democrat country), the secessionist crisis--these made things rough for the abolitionists. West and Davis had to flee from a Pope County mob; someone tried to assassinate A. L. Rankin, anti-slavery missionary in Albion; T. H. Holmes in DuQuoin required a round-the-clock guard at his home.

They held their ground, though, and while they never achieved any success in the political sense (if anything, the overall Southern Illinois feeling about slavery and the war could be described as "indifference"), they "forced men to choose sides."

As Raines said: "In a sense they failed; they had not converted the region to abolitionism by Jan. 1, 1863. Yet in a larger sense they succeeded for they were part of a movement which helped to bring an end to slavery in the United States."

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July ---Destruction of Old Main by fire on June 8 has made every memento of the 86-year-old building, oldest at Southern Illinois University, a treasured relic, particularly as the University is in the opening phase of its Centennial celebration (1969-74).

One such souvenir is a group of photographs made in 1967 when an old blackboard--believed to have been painted directly on the walls of the building when it was first occupied--was uncovered during the renovation of a second-floor classroom.

In a previous renovation, the old blackboard had been covered over by a new-fangled slateboard. When workmen stripped off the slateboard, they found a message chalked on the painted one, left for posterity by the last class to use the room in its original state--a class of geology students taught by Prof. Collier.

The date was Nov. 3, 1923. On one section of the blackboard was scribbled "Colliers Room Prof. Shryock Pres G.W. Wham Dean of teachers Boomer Collier (sic)" and, as a signature, "W.H. Schafer."

Schafer was a student in the class and was the author of the graffiti.

On another section of the blackboard were some of Prof. Collier's examination questions. Below them Schafer had written "Colliers Geology Class exam," followed by names identified as "senior college students"--Jesse Harris, W.H. Schafer, Ransom Shertz and Harry Putney. "Long live the Pupils finder," Schafer concluded.

Harris, one of the students in that 1923 class, is a professor in the English department, and was brought to the scene to verify the fact that the writing on the board was indeed a record of the last class meeting in the room before the 1923 remodeling.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July ---A guided tour of its archaeological "dig" near New Athens will be conducted by the Southern Illinois University Museum on Aug. 2, Dale Whiteside, curator of education, has announced.

"We'll take as many buses as may be necessary to accommodate the tourists," Whiteside said.

The SIU field crew excavating at the site under supervision of Carl Kuttruff, salvage archaeologist, will be at work, Whiteside said. A stop also will be made at the field laboratory at New Athens, where salvage materials are cleaned and classified.

Reservations for the tour must be made by July 25. Fee for the trip is \$1, including lunch at the site. Tickets may be obtained at the University Center Information Desk. Buses will leave the University Center at 8:30 a.m. and arrive back on the campus by 4:30 p.m.

Residents of the New Athens area who wish to join the tour are invited to meet the party at 10:30 a.m. at the Museum's field laboratory in New Athens, 101 1/2 N. Van Buren St. Since lunch can be provided only for the bus party, Whiteside said, there will be no admission charge for those who come in their own cars.

While records are not available, it is believed this will be the first time the Museum has conducted public tours of its archaeological sites, Whiteside said. The tour is being arranged as an extension of its educational program, curtailed by the June 8 fire which demolished Old Main, home of the Museum and scene of its extensive educational exhibits.

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SOUTHERN ILLINOIS UNIVERSITY
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CARBONDALE, ILL., July --Southern Illinois will loom large in volume II of "The Papers of Ulysses S. Grant," scheduled to come from the Southern Illinois University Press this summer, according to John Y. Simon, SIU historian and editor of the 15-volume series of Grant papers.

The second volume will cover the period of April to September, 1861, in the life of the Civil War general and 18th President of the United States, Simon, who is executive secretary of the SIU-based Grant Association, explained.

Outbreak of the Civil War, Grant's early military service around Ironton, Mo. and in Northern Illinois, the organization of the 21st Illinois Volunteers in Union County, the defense of the Big Muddy Bridge near Carbondale, brief periods of activity in Cape Girardeau, Mo. and Paducah, Ky., and establishment of his headquarters in Cairo--all are highlighted in the forthcoming book.

Meanwhile, Simon already is at work on volume III, and a third \$10,000 grant from the National Historical Publications Commission has been received in continued support of the publication project.

Simon said a new member has been elected to the board of directors of the Grant Association--Mrs. Edith Grant Griffiths of Arlington, Va., who replaces her father, the late Ulysses S. Grant III.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

SIU COUNTRY COLUMN
By Albert Meyer

When the summer's quota of rain comes in less than a month, as is the case in Southern Illinois since mid-June, farmers are in trouble, according to Southern Illinois University crops men.

The prolonged wet spell seems to go with a succession of low pressure centers that have been moving horizontally through the nation's midsection in an unusual manner for this time of year, breeding violent thunderstorms almost daily along weather fronts separating cooler temperatures to the north from the hot humid conditions to the south. Temperatures in the northern part of Illinois have been running below normal most of the time since early June but have been averaging from normal to four degrees above in the southern and south central portions since mid-June, according to the state's weekly weather and crop bulletins.

In keeping with summer patterns, heavy rains usually are local, accounting for wide variations from one community to another, but even so the distribution has been enough to bring heavy crop and soil losses generally throughout central and southern Illinois in the last two or three weeks while wet conditions hit hard in northern parts during the early part of the period.

Note a few rainfall reports from Southern Illinois: Grand Tower recorded nearly 14 inches of rain during the three weeks ending July 4; DuQuoin and Nashville had nearly 10 inches during the same period; and numerous other stations in the southern third of the state had seven to eight inches during the same time. Quincy has had 10 inches more rain the first six months this year than last. Centralia has almost reached its 1967 July record of 10 inches during the first nine days of the month this year.

(MORE)

Farmers are in real trouble because of prolonged rain in southern parts of the state, especially those with crops in low lying fields. Reports from counties with considerable river bottom crop land are putting farm crop losses at hundreds of thousands of dollars. Overflowing streams are wiping out corn and soybean crops. Planted fields on slopes have eroded badly.

A few farmers in the southernmost counties of the state were able to combine most of their wheat crop before the deluges came, but most of the farmers in the upland counties where more wheat is grown still have about two-thirds of the crop in the field. High winds, heavy downpours, some hail, and the resulting soggy fields mean serious wheat losses in those areas.

Farmers who had prospects of 40 to 50 bushels of wheat per acre will likely be settling for one-third of that yield because their combines will be unable to retrieve all the fallen wheat. Excessive moisture and hot weather also have promoted the growth of weeds and new clover seedings in wheat fields almost to the height of the wheat, further complicating the job of combining wheat when fields dry out enough to support the machines. Grain in the wheat is drying poorly due to wet conditions and many farmers also will have their poor yields of grain docked at the elevators from prices that already are low.

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From University News Services

SOUTHERN ILLINOIS UNIVERSITY

Carbondale, Illinois

Phone: (618) 453-2276

CARBONDALE, ILL., July --More than 17,800 students are going to school this summer at Southern Illinois University's two campuses.

Summer term figures released by Registrar Robert McGrath show an enrollment of 17,834 at SIU, an increase of 1,170 over last summer.

SIU at Edwardsville showed the biggest jump, almost 16 per cent above the 1968 summer quarter, in registering 7,149 students. The Carbondale Campus continues to enroll the most students, however, with 10,685 attending classes. That is a two per cent increase.

By classes, the Graduate School leads in enrollment, with 4,589 on both campuses. Summer is a time when many teachers go back to school for advanced degree work.

The senior class showed the largest increase, 759 students above the same quarter a year ago.

McGrath said 5,962 persons enrolled in adult education classes conducted by SIU throughout the region in the past fiscal year. That figure is not included in regular resident totals.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Pennsylvania's efforts to restore coal-mined lands will be the subject of a public lecture Thursday (July 17) at Southern Illinois University, Carbondale.

David R. Maneval, director of research and development of mines and mineral industries of the Commonwealth of Pennsylvania, will speak to the Southern Illinois section of the American Chemical Society at the SIU Physical Sciences Building, Room 218. The talk will be at 8 p.m.

Maneval is an authority on the treatment of mine acid and other mine waste products. His talk will be titled "Pennsylvania's Mining Restoration Program--Application of Science to our Legacy from the Past."

-pb-

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --The story of Southern Illinois from pre-history to the present is the subject of a new hour-long color movie which is set for release in August by Southern Illinois University Film Productions.

Entitled "This Land Is," the film was 16 months in the making. It includes live action scenes interspersed with shots of historical paintings, engravings, sculpture and pre-historic artifacts which relate to the area's past.

Two dramatic re-enactments of historical highlights are Marquette and Joliet's exploration of the Mississippi and George Rogers Clark's campaign during the American Revolution. Other action scenes include a modern day corn harvest with self-propelled combine, shucking by hand with a team of mules and wagon, and butchering a hog on a farm.

Much of the action was filmed aboard a towboat as it moved slowly down the Ohio and up the Mississippi capturing colorful glimpses of modern day life in the river towns along the state's southern border.

"This Land Is" was produced by Frank R. Paine, written and directed by W. Craig Hinde, and photographed by Howard Cotton, Loren Cocking, William Baber, Hinde and Paine.

Copies of the film will be available for showing by local groups. Inquiries may be addressed to Jerry Hostetler, media librarian, SIU Learning Resources Service, Carbondale, 62901.

7 - 16 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Marianne Webb, assistant professor of music at Southern Illinois University, is one of five concert organists invited to play at the Lake Michigan Regional American Guild of Organists (A.G.O.) convention July 28-30 in Bloomington, Ind.

Miss Webb will be assisted by the SIU Faculty Brass Ensemble for her program at 10 a.m. July 30 in Bloomington. Classed by the "Washington Evening Star" as "a talented instrumentalist," and by "The American Organist" as "a master of the musical phrase," Miss Webb will perform four works by composers still living. Her program includes "Concerto for Organ and Brass" by Albert de Klerk, "The Burning Bush" by Herman Berlinski, "Concerto on the Theme 'Es sungen drei Engel'" by Hans Friedrich Micheelsen, and "Concerto for Organ and Brass" by Marius Monnikendam.

Holding degrees from Washburn University and the University of Michigan, Miss Webb has done further graduate work at Syracuse University. In 1961 she received a Fulbright Grant to study in France with Andre Marchal. During the summer of 1968, she performed at the national biennial A.G.O. convention in Denver, Colo., where reviewers named her a recitalist with a first-rate technical facility.

Members of the brass ensemble assisting on the program are Phillip Olsson, assistant dean of the School of Fine Arts, and Donald Wooters, trumpet; George Nadaf, instructor of music, and Abron Campbell, horn; and Gene Stiman, instructor of music, and Sim Flora, trombone.

7 - 16 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --The place of some new weed controlling chemicals in growing corn, soybeans and forage crops will be among topics of interest to farmers during the summer agronomy field day at Southern Illinois University in Carbondale July 31.

Roy Browning, superintendent of the Agronomy Research Station operated by SIU and the University of Illinois, says discussion tours of the experimental plots on the 80-acre station one mile west of the SIU Carbondale Campus will begin at 1 p.m. from the headquarters building.

Fertilizer studies in corn production also will be featured in the program. Other topics scheduled for the field day include chisel tillage, varieties of wheat, soybeans and alfalfa, and row spacing in corn and soybeans.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

Women over 25 years of age who have discontinued their education for one reason or another or wish to begin an education beyond a high school level are invited to attend a meeting Tuesday evening (July 22), at Southern Illinois University.

An organization called Women in Education, (WE), will meet in the lounge of the Communications Building at 8 p.m. Guest speaker will be Robert McGrath, SIU registrar, speaking on procedures of getting into a university.

Membership in WE is not limited to Carbondale residents, but is extended to the entire southern Illinois area.

Mrs. Loretta Ott, assistant dean of students at the Commuter, Married, and Graduate Students office, said problems concerning getting back into a university will be discussed.

The WE organization is sponsored by Mrs. Ott's office and is aimed at helping mature women to return to school.

Monthly meetings to discuss topics of junior colleges, VTI, adult education programs and general studies programs are slated at later dates. Meetings for the fall quarter will be devoted to refreshing reading, writing, and study skills.

More information can be obtained by contacting Mrs. Ott at the CMG office, phone 453-5379.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --If the bagworms are playing havoc with the half dozen evergreen shrubs on your lawn, consider the feast they would have on the thousands of evergreen shrubs on Southern Illinois University's Carbondale Campus if they had a chance.

However, a bagworm has tough going at Southern, according to Joe Widdows, superintendent of buildings and grounds at the Carbondale Campus. The physical plant operations include regular spraying schedules as well as fertility programs for the campus shrubbery.

Specialists suggest homeowners treat evergreens with such insecticides as malathion, sevin or carbaryl applied according to directions on the packages. All are considered effective and relatively safe for use around the homestead.

However, Widdows says his crews are staying with the old fashioned lead arsenate insecticide as a most effective bagworm killer and a low cost product. Their formula for the spray is six pounds of arsenate of lead powder mixed in 100 gallons of water with a little powdered lime to increase the adhering qualities of the spray materials. "It really knocks the bagworms," he says.

Homeowners can expect an outbreak of bagworms if there are old cocoons about an inch or two long attached to the branches of evergreen shrubs. The young larvae hatch and leave the cocoons with the warm days of early summer, usually in June, and start feeding voraciously on the nearby foliage. If unchecked they will strip the green foliage from the branches and eventually kill the shrub. Close examination may be needed to discover the larva early in the season. After growing to maturity they begin forming new cocoons.

7 - 18 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --A couple of researchers at Southern Illinois University are checking out the brain waves of worms.

Not very ordinary worms because even though their brains consist of only 86 cells--half as many as you'd find in a speck-sized water bug--they nevertheless do some unusual things.

For instance, they can enter the digestive tract of a pig, seek out a certain spot in the duodenal area of the small intestine, and settle down for a life of free-loading.

The worm latches onto its host by means of a head crowned with thorn-like attachments. It draws nourishment out of its victim even though it has no openings whatsoever in its own body.

The subject under scrutiny by Physiologists Thomas Dunagan and Donald Miller is the spiny-headed worm, a parasite that afflicts man and beast in many parts of the world.

Despite their prevalence, "spiny-heads" have hardly been studied at all. Dunagan and Miller want to find out how their primitive brains--actually knots of nerves called ganglia--perform in the overall sensory function of the worm.

They're doing it with a technique not unlike the electroencephalograms (EEG) that log human brain activity.

They construct hairsbreadth metal and glass electrodes and plant them in the spiny-heads' simple brains. The electrical output under different kinds of stimulation can be traced out on an oscilloscope, a tape recorder or plotted in chart form.

The two researchers also are doing biochemical studies of the worms, hoping to get a complete physiological profile of the flat, milk-white creatures that can grow from the length of a fly's leg to 18 inches.

(MORE)

Of immediate interest are three obvious "receptors" located around the worm's spiny head. These, it seems, are where the worm gets its sensory clues, clues for example that tell it how to get to the upper end of the lower intestine and nowhere else.

Whether they are devices that give the worm directions by "feel," or some other sense, isn't really known. But Dunagan says some kind of goal-seeking ability is present, which is slightly remarkable in an animal with just 86 brain cells.

Spiny-heads are unique, too, in that their nerves are encased in muscle tissue. Not even man is set up like this.

Students working with the Dunagan-Miller team get the worms at an area packing plant, probing the entrails of slaughtered hogs. Spiny-heads leave an uncommonly large, hard and inflamed area at the points where they attach themselves. These nodules can easily be felt, and the worms, if they are present, are thus discovered, Dunagan says.

While Dunagan and Miller are interested in the "biocybernetic" functions of the little understood worm, the Tropical Medicine and Parasitology branch of the federal Health, Education and Welfare department wants to find out as much as it can about them. Spiny-heads and their cousins infest almost all vertebrates and are considerable economic and health hazards.

The unit has awarded the researchers \$49,500 for their three year study.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --The summer term will wind up at Southern Illinois University's Carbondale Campus Aug. 29 following a five-day final examination period.

Examinations for the 10,685 Carbondale students start Aug. 25.

Commencement exercises will be Aug. 30 (a Saturday) at 7:30 p.m. in the SIU Arena. Graduation ceremonies at the Edwardsville Campus will be a day earlier, the night of the 29th, in the specially designed tent erected for this summer's Mississippi River Festival concert series there.

Classrooms on the two campuses will then be idle until the start of the fall term Sept. 24.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Students will come from as far as California and Texas to the 15th annual School of Advanced Cosmetology at Southern Illinois University August 3-13.

The ten-day school for licensed beauty culturists is the first of its kind in the world. It is offered by the Illinois Hairdressers and Cosmetologists Assn. in cooperation with Southern's Division of Technical and Adult Education, and is approved by the National Hairdressers and Cosmetologists Assn.

Record enrollment is anticipated for the 1969 session, according to T & AE Assistant Dean Glenn E. Wills.

Attendance at three annual sessions is required for completion of the complete program, with first, second and third year classes running concurrently during the ten-day period. A post graduate course offered for those who have completed the full three-year program is scheduled for August 4-6 this year.

Enrollment in the first year class is limited to 50, and only those who have satisfactorily completed earlier courses will be admitted to advanced classes, Wills said.

Rita Glover of Fayetteville, Ark., will be guest artist for the school. A member of the NHCA Official Hair Fashion Committee, she has travelled widely throughout Europe and Asia to study and exchange ideas with other hairdressers, and was a member of the committee which organized the University of Arkansas Cosmetology Seminar. She will be assisted by members of the Illinois Hair Fashion Committee. SIU faculty members will teach academic courses.

The school will be held in air conditioned facilities in University Park. Tuition and fees for NHCA members are \$176, and the cost for non-members is \$191. Fee for the graduate course is \$50. Additional information is available from the Division of Technical and Adult Education, Southern Illinois University, Carbondale 62901.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --An addition to the new Humanities Building, now on the architect's drawing boards, will replace approximately 43,000 square feet of classroom space lost on the Carbondale Campus of Southern Illinois University because of the June 8 Old Main fire.

The University's board of trustees, meeting here Friday (July 18) authorized the architects to expand their designing.

Funds for replacing space lost in the fire were contained in a bill approved by the General Assembly.

President Delyte W. Morris of SIU said addition of the space to a building planned for early construction would be the quickest way to recoup the fire loss. Morris said it was felt reconstruction of the old, ornate structure, would be too expensive and the site was too closely ringed by other buildings for present day fire safety standards.

The board discussed but took no action on proposals for a memorial at the site of the old building.

7 - 22 - 69
From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 29-69 (About people, places and events in Southern Illinois, by Pete Brown
of the Southern Illinois University News Services)

Still more about trees....

Two years ago it was reported in this column that a very special chestnut tree growing in a dappled nook of the Crab Orchard National Wildlife Refuge could well lead a comeback for that once great American species.

It is called the Clapper Chestnut, in honor of the man who developed it after breeding more than 10,000 chestnut hybrids in 30 years in a crusade to revive the tree.

(The species, once so familiar to the national scene, was virtually wiped out in four decades after a fungal plague that erupted in 1904. Diseased trees from China were the cause.)

All of the thousands and thousands of Clapper's experimental sprouts failed, eventually, except one. This one, officially catalogued in his records as Tree No. B26:3146, was the offspring of a cross between a Tientsin, China chestnut and an American sprout from Maryland.

Clapper and U. S. Forest Service official Jesse Diller brought the offspring and a bunch of its cousins from Maryland to Southern Illinois nearly 20 years ago. They planted them at the refuge in a special plot.

The cousins died, one by one, victims of the same old fungal nemesis, "endothia parasitica." But B26:3146 prospered. At the writing two years ago, Clapper's Chestnut measured 60 feet tall and eight inches through the trunk at breast height.

Since then it has grown two feet more in elevation, three and one half inches more in diameter.

However, the Clapper Chestnut is in trouble. Russell Clapper and his daughter motored from his Maryland home to the refuge not long ago to check on his beloved hope. The signs were there: some dead bark, rusty looking "fruiting pustules," and fissures in the trunk.

"It is more severely blighted than I had expected," Clapper wrote, estimating that the tree has been under attack for about three years (a healthy looking neighbor got the blight one year and was dead the next).

"But it is such a vigorous growth that I expect a definite reaction to the blight fungus if it spreads farther around the trunk. Let us permit nature to take its course.....I never before saw such a superbly vigorous tree reacting to a vigorous attack."

If the Clapper's expected counterattack should prevail--and that's a real long shot--then there is cause for jubilation. If it doesn't, the road back for chestnuts in America would appear to be very long, indeed.

7 - 22 - 69
From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --One industrial plant's waste may be used to stop another one's poison if a Southern Illinois water pollution research project pans out.

The project is at the Truax-Traer Coal Company's abandoned New Kathleen Mine property near DuQuoin, where researchers are studying now to stop acid runoff from 50 acres of mine refuse.

One technique to be tried is treating the whole pile with lime sludge left over from oil refinery operations at Wood River. It's hoped that lime will neutralize the acid waste, permitting natural cover to grow over it.

That was one of the regional battles against pollution described at a week-end seminar on industrial water and air pollution, Friday and Saturday (July 18-19) at Southern Illinois University.

The seminar was part of the SIU School of Technology's summer program of providing technical information on waste and pollution problems to area industries.

John Ramsey, an engineer for Truax-Traer, told how his firm is using a \$500,000 grant from the federal Water Pollution Control Administration (plus \$250,000 of its own money) to scrutinize runoff at the New Kathleen site.

Acid runoff from gob, waste piles, strip mines, slurry pits and other coal mine features is one of the area's worst pollution problems.

Ramsey said the abandoned site has been divided into watershed areas, with flumes set up to measure runoff volume in times of rain. Apparatus also has been installed to simulate rainfall in dry times. A small laboratory has been equipped to analyze runoff water for acid, iron, sulphates, alkalinity and other factors.

Technical advice is being provided through the grant by the Water Resources Center of Ohio State University.

(MORE)

Ramsey said that after a year of study, the project will explore ways of stopping the runoff. Most promising approaches, in addition to lime treatment, appear to be completely covering gob piles with dirt to produce vegetational cover, he said.

Tony Favreau, regional engineer for the Illinois Department of Public Health, said sludge from sewage treatment plants can also be used to promote plant growth at mine refuse areas.

Favreau revealed that the department will be the first government agency in Illinois to bring action against another one for pollution.

He said the State Sanitary Water Board has been requested to seek an injunction against a Southern Illinois county's board of commissioners for maintaining a gob road.

Such roads proliferated throughout the area in the heyday of mining and were once credited for "bringing Southern Illinois out of the mud." Armed with tightened water quality standards under the 1965 Water Control Act, the state is now seeking to neutralize the gob by various control methods.

The road in question is polluting a water supply, Favreau said. Under new state legislation, the fine for a pollutorial discharge is now set at \$5,000 for the first day of an offense, and \$200 for each additional day. The old penalty was \$500 for the first day and \$100 daily after that.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Applications will be accepted until an extended deadline of August 1 for the eighth annual Youth World, scheduled for August 17-22 at Southern Illinois University.

Youth World is designed to develop qualities of leadership in young people, according to Assistant Dean Glenn E. Wills of the SIU Division of Technical and Adult Education, which cooperates with the SIU department of government and Youth World, Inc., in presenting the program.

It is open to young men and women who have completed the junior year of high school. The students act as delegates to a mock United Nations assembly to gain experience in committee and legislative work. Participants get an insight into special problems of other nations and America's position in world affairs, Wills said.

A prominent figure in Illinois state government is expected to address the group this year, he said. U. S. Congressman Kenneth Gray was a speaker at the 1968 session.

The program is limited to 60 students who must be approved by their local school principal or superintendent and be sponsored by a civic, professional, veteran or fraternal organization. Cost to the sponsor for housing, food and conference materials is \$50 per student. This does not include transportation, Wills said.

Additional information and application forms are available from the Division of Technical and Adult Education, Southern Illinois University, Carbondale 62901.

-ds-

7 - 22 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --The eighth anniversary, in June, of the University Center at Southern Illinois University at Carbondale slipped by without formal celebration in the midst of an \$8.5 million expansion project.

Underway is a project that will triple the size of the Center and add many new facilities, according to Clarence G. Dougherty, University Center director. Formal completion date is March 22, 1971.

Among the additions to the complex will be a basement level snack area with a 225-seat capacity. A variety of food and drinks will be available from 18 vending machines.

On the ground floor, a book store, dining areas, billiard room, a cafeteria and a post office are to be added. The two dining areas will seat 450 customers each.

First floor construction plans call for twelve meeting-dining rooms. The ticket office for SIU events will be located there. A 300-seat auditorium also will be added to the first floor.

A music room and library are to be situated on the second floor. Hometown newspapers and piped in music will be available. Meeting rooms for campus organizations are to be added.

Topping off the new construction is a third floor creative activities area designed to be flexible in use.

Dougherty commented, "The entire University Center will be valued at more than \$13 million when completed."

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Appointment of a dean for Southern Illinois University's new School of Medicine is expected to be accomplished by the start of the new school year in September.

Robert MacVicar, chancellor of SIU at Carbondale, said a joint trustees committee representing SIU and two Springfield hospitals has completed a review of candidates.

Springfield Memorial Hospital and St. John's Hospital of Springfield will provide the clinical training facilities for the medical school.

Undergraduate training will take place at the Carbondale Campus, after which candidates will go to Springfield for clinical-professional training, plus a final year of internship in the case of those choosing general practice careers.

Others could have the option of going to medical research centers or launching further advanced degree work in specialized medical health fields.

MacVicar has set 1972 as the date when the first students will be formally admitted to the SIU School of Medicine; that is, after they have completed the first three years of undergraduate preparation.

That would mean the first class of clinical trainees would go to Springfield in 1973, with 1976 the date for SIU's first class of full-fledged graduating doctors.

Under the state's master plan for higher education, which selected SIU as the site for a second state-supported medical school (the University of Illinois was the first), the SIU program would thereafter produce 50 physicians a year.

The SIU plan, frequently called "a medical school without walls," involves the interlocking use of existing University and hospital facilities, without constructing a new school from the ground up.

The first four members of the School of Medicine faculty were appointed in June. They are Drs. Robert Dodd of St. Louis; and Grant Johnson, William Nickey, Jr., and Donald D. Van Fo-san, all of Springfield.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Job offers from business and industry to the nation's 1968-69 bachelor's-degree graduates rose to an all-time high, up 11 per cent over last year and 9 per cent over the previous peak year of 1966-67, according to Herall Largent, counselor in Southern Illinois University's Placement Services.

The number of offers to master's degree graduates dropped 35 per cent below last year and 47 per cent below 1966-67, while the volume of offers to doctoral graduates fell 31 per cent and 43 per cent respectively.

Chemical engineering bachelor's graduates commanded the highest average salary offers, \$849, up 7.5 per cent over 1967-68 and 15.8 per cent above two years ago. Other technical graduates received salary offers ranging from 5.9 to 8.2 per cent above last year. Offers to accounting graduates showed the largest percentage increase, 10.4 per cent over last year and 19.5 per cent over 1966-67, to reach \$761.

Salary offers to master's degree graduates approximated those at the bachelor's level, but smaller gains were listed for doctoral graduates.

The figures were based on reports to the College Placement Council from 135 member colleges and universities, including SIU, Largent said.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

SIU COUNTRY COLUMN

By Albert Meyer

Bottomland farmers in Southern Illinois who have lost their corn and soybean crops in flooded fields during the last few weeks have a bleak outlook as far as salvaging any kind of a cash crop from those areas, according to crops specialists at Southern Illinois University.

Donald Elkins, SIU assistant professor of plant industries, says the last main hope for planting grain sorghum as a substitute grain crop on flood-ravished fields went out the window after the first week of July. He says some of the shorter season type sorghums probably could be planted as late as July 15 with a chance for making a crop, but flood waters still covered many fields at that time.

In a normal crop year grain sorghum yields comparable to corn when fertilized. Sorghum also has considerable drought resistance, Elkins says. The plants may go dormant for a time during dry periods, but have rapid recovery ability for continued growth when rains occur.

One other possibility for farmers who have lost their corn and soybean crops is buckwheat as a grain crop with a short growing season. They may be able to grow buckwheat if they can seed it before the end of July. Market limitations would be a problem for producing buckwheat, the nearest possible market being St. Louis, Elkins says. The dark grain is used primarily for feed although some is made into flour.

Shallow rooting of corn on slow-draining upland fields with tight subsoils has been noted by Prof. Joseph P. Vavra, SIU soil fertility specialist. The recent heavy rains almost waterlogged such corn fields in some areas, causing the corn to spread its roots near the surface where more air is available. Vavra also noted small white roots growing upward from the brace roots in search of air above the waterlogged soil much as the "knees" of cypress trees in swampy areas.

The shallow rooted corn will be in trouble if a drouth period hits the area before the ears have fully developed, he says. Such corn also may lodge more easily during strong winds.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --The federal government again has funded an unique seek-and-deploy operation designed to get capable out-of-school Southern Illinois youths into college.

Now starting in its third year of life, the Talent Search Center operated at Southern Illinois University in cooperation with a dozen other downstate schools has been awarded a \$61,000 grant by the U.S. Office of Education.

The grant will cover the coming year and will bring to \$126,000 the amount of government support extended since the project's start.

The object has been to locate talented rural youths in the southernmost 50 counties of the state who failed to enter college despite good high school records. In most cases their reasons have been financial ones.

After that, the Center's staff members interview their finds, compile records on them, then try to place them in colleges that will assure them financial assistance.

Billy G. Pyle, director of the Center on SIU's Campus, said 953 youths were successfully admitted to schools through the program last year.

Other objectives include a computer-assisted analysis of the subjects' reasons for "dropping out" after high school, and making results available to high school counselors for guidance purposes. The Center also is developing techniques for spotting potential dropouts so as to encourage them to continue education beyond high school.

Other schools participating in the grant are Blackburn College, Illinois College, MacMurray College, Monticello College, Millikin University, Rend Lake College, Kaskaskia Junior College, Wabash Valley College, Principia College, Quincy College, McKendree College and Olney Community College.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Karen Mallams, Southern Illinois University

sophomore from Anna, and William Taylor, associate professor of music, will sing the lead roles in "Kismet," the Summer Music Theater's fourth 1969 production, opening Aug. 1-3.

Taylor and Miss Mallams, who sang opposite each other at SIU in the March production of the opera "Altgeld," will play the roles of a public poet and his daughter, Marsinah, travelling the streets of Bagdad tempting their fate.

Under the direction of Z. J. Hymel IV, Kismet, the Arabian word for fate, is a musical fantasy telling how the poet advances from rags to riches. He becomes the Emir of Bagdad and has a romance with the Wazir's wife. The poet's daughter marries the Caliph, the keeper of the faith.

Based on a book by Charles Lederer and Luther Davis, the words and music of this production are by Robert Wright and George Forrest.

Students acting in supporting roles are William Wallis, Carbondale, the Caliph; Kenneth Waller, Gainesville, Ga. (711 Spring St.), the chief policeman; John Preece, Demorest, Ga., Wazir of Police; and Florence Fiandach, Rochester, N.Y. (222 Sagamore Dr.), Lalume.

Kismet also will run Aug. 8-10 and 23-24. All performances are at 8 p.m. in Muckelroy Auditorium on the Carbondale Campus.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Teacher shortages in Illinois still exist in a number of specialized fields, although there appears to be an adequate supply in a few areas such as social studies and men's physical education, according to Herall Largent, counselor in Southern Illinois University's Placement Services.

Demand is still greater than supply in the physical sciences, industrial education, mathematics, elementary education and special education fields, he said.

A total of 13,707 new teachers with bachelor's or master's degrees were added via graduation for the 1969-70 school year, Largent said, based on figures from 33 of the 44 colleges and universities that are members of the Illinois Association for School, College and University Staffing. The total includes 8,949 available for high school teaching and 4,758 for elementary school positions.

Of these SIU produced 2,091--approximately 1/6th of the total. This included 1,403 for high school teaching and 688 for elementary school teaching. The Carbondale Campus produced 1,770 of the total, the Edwardsville Campus 321.

Following is a summary of the totals for the various high school fields, with SIU's figure in parenthesis: Agriculture, 150 (27); art, 388 (48); business education, 547 (120); English, 1,277 (184); French, 202 (8); German, 85 (4); Latin, 26 (1); Russian, 25 (2); Spanish, 225 (6); home economics, 317 (88); industrial education, 319 (62); journalism, 35 (18); mathematics, 679 (57); music, 422 (59); physical education for men, 625 (95); physical education for women, 428 (52); biology, 457 (48); chemistry, 101 (13); physics, 50 (7); social science, 1721 (309); speech, 272 (67); speech correction, 157 (28); special education, 421 (100).

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Director James Ubel of the Shawnee Library System will teach a workshop for public librarians at Southern Illinois University August 18-22.

The five-day workshop in library administration is offered by the SIU Division of Technical and Adult Education in cooperation with the Illinois State Library.

Topics covered will include library law, policies and finance; library-trustee responsibilities and relationships; personnel administration; public relations and interlibrary cooperation, according to SIU Adult Education Coordinator Harold F. Engelking.

Enrollment is limited to 35, with preference given to librarians from Southern Illinois, he said. The workshop is one of a series offered annually at five state universities.

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7 - 23 - 69
From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Fairfield native Clarence Samford, reminiscing about the growth of Southern Illinois University in general and the department of secondary education in particular, is modest about any part he may have had in the expansion.

Samford, who has resigned effective Sept. 15 as chairman of the secondary education department to teach a year before he retires, personally takes no credit, but "I'm proud to have been around when it all happened."

Samford, who came to the Carbondale Campus in 1951 as professor of education and has been the only chairman the secondary education department has had since it was organized in 1957, said he and two others, Jean Fligor, still on the faculty, and Claude Dykhouse, currently on sick leave, comprised the first staff. Now, he said, he has a faculty of 12 and a graduate staff of 11 fellows and assistants. During the 12 years, 8 outstanding visiting professors have taught courses in his department.

Samford estimates his department has sent out more than 6,000 high school teachers with bachelor's degrees, based on the fact that 6,508 students have taken a required basic course, "History and Principles of Secondary Education."

During the 12-year span, 315 master's degrees have been conferred in secondary education and 12 six-year specialist certificates have been awarded. There have been 29 Ph.D. degrees in education that were related to the secondary education department.

Samford received his bachelor's degree from SIU in 1926, his master's from the University of Michigan, and his Ph.D. from New York University in 1950. In his early years of teaching Samford was administrator and teacher in schools at Springerton, Carbondale, and Mounds, all in Southern Illinois. He has done college teaching at Wilmington (Ohio) College, Ohio University at Athens, University of Wyoming, and University of Wisconsin.

He is author or senior author of 11 books, including the seven-volume social studies series, "Living and Learning," for pupils in grades 1 through 7.

7 - 23 - 69
From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --A collection of fine paintings, predominantly religious in subject matter, discovered in Italy by a U. S. Army chaplain during World War II, will be exhibited at Southern Illinois University's Mitchell Gallery Aug. 4-29.

The 19 works to be shown are on loan from the St. Meinrad Archabbey, St. Meinrad, Ind., selected from its collection of late Renaissance and Mannerist works, according to Evert Johnson, curator of SIU galleries.

"The paintings were discovered by Father Alfred Baltz, a Benedictine monk who was serving with U.S. armed forces in Italy," Johnson said. "The Italian owner asked Father Baltz to send them to America where they would be safe from the ravages of the war. That is how they came into possession of the St. Meinrad Archabbey."

Recent scholarly examination attributes several of the paintings to known artists and schools in the Naples, Ferrara and Venice areas, Johnson explained. Some also reflect a Spanish influence and may be attributable to followers of El Greco.

"Art historians have taken an immediate interest in the collection," he said, "and investigation of their origins and meaning regularly brings to light intriguing possibilities concerning their historical position in Italian painting."

The Mitchell Gallery is open to the public week-days between 10 a.m. and 5 p.m. There is no admission charge.

7 - 25 - 69
From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Capital improvement funds and authorizations totalling \$72,522,210 for 1970-71 were requested by the Southern Illinois University board of trustees Friday (July 18). The request was forwarded to the Illinois State Board of Higher Education for study and submission to the next session of the General Assembly.

Clifford Burger, university budget director, explained to the board that under the former system of biennial funding a capital funds request would not have been due until next summer. Because the change to annual funding had necessitated hasty action, the SIU board said its recommendation was subject to possible revision.

The request for capital improvement funds contains \$27,670,825 for projects previously approved and \$44,851,385 for projects for which approval is sought. In addition to new buildings, projects include land acquisition and preparation, remodelling of old structures, planning and architectural costs.

A breakdown by campus indicates \$32,075,801 is sought for Carbondale, \$9,032,600 for the Vocational-Technical Institute, \$27,710,809 for Edwardsville and \$3,703,000 for the proposed Medical Center at Springfield.

For the Carbondale Campus the request proposes construction of a Learning Resources and Library Complex and a Fine Arts Complex, both of which were authorized by the Board of Higher Education for the 1969-71 biennium but for which no appropriation was made for fiscal 1969-70. As new construction it requests a General Classroom and Faculty Office Building.

The Vocational-Technical Institute is represented in the request with two buildings previously authorized, a Learning Resources and Library structure and a Health Education complex, plus a request for new authorization for a Student Center.

The Edwardsville Campus asks funding for its Fine Arts Classroom and Office Building Group, previously authorized, and new authorization for a Science Laboratory Building, Physical Education Building, and an Amphitheater for the Performing Arts.

The new Medical Center at Springfield, which would implement the clinical study phase of SIU's Carbondale-based School of Medicine, would require a Medical Instructional Facilities Group, in Springfield.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Peach picking is underway in Southern Illinois where most of the state's commercial peach production is harvested between the middle of July and the last week of August.

Prof. James B. Mowry, superintendent of the Illinois Horticultural Experiment Station at Southern Illinois University, Carbondale (in cooperation with the University of Illinois) says Redhaven peaches, the first of the season's major commercial varieties grown in the area, have been harvested since about July 15. The next commercial volume variety will be Halehaven which should be harvested during the first week of August, Mowry says. Starting about a week later will be Redskins and Elberta which account for about one-third of the crop.

Some commercial orchardists have lesser quantities of other peach varieties that ripen between the Redhaven and Halehaven harvest periods. Mowry says most area peach varieties this year are ripening about four or five days later than their normal maturity date.

The Illinois Cooperative Crop Reporting Service is forecasting a 500,000 bushel peach crop in the state this year, about 44 per cent more than last year when winter freezes killed most of the peach crop north of Carbondale. The half million bushels of peaches is considered a full crop for the state where the number of peach trees in commercial orchards have been declining for 20 years.

The state's 1968 census of apple and peach trees in commercial orchards has just been issued. It reports 258,000 peach trees in the state's commercial orchards of 100 or more trees. The major varieties are Elberta, 18 per cent of the total; Redskin, 11 per cent; Redhaven, 10 per cent; Rio-Oso-Gem, 7 per cent; and Halehaven, 6 per cent. About three-fourths of the Elberta trees are more than 10 years old, while the others are mostly less than 10 years old. Orchardists have been planting numerous other peach varieties in the last 10 years to lengthen the harvest season and to market peaches considered more desirable in color, flavor, and handling qualities than Elberta and some other older varieties once important commercially in Southern Illinois.

CARBONDALE, ILL., July --Persons who never have seen vine-type creeping soybeans or varieties that have five or seven leaflets instead of the customary three will want to visit the Crops Demonstration Garden at Southern Illinois University, Carbondale, during an Agronomy Field Day Thursday afternoon (July 31).

Tours and discussions of the experimental plots and the crops garden area will begin at 1 p.m. at the Agronomy Research Station headquarters about one mile southeast of the Carbondale Campus on the City Lake Road. The station and the field day are joint projects of SIU and the University of Illinois College of Agriculture.

Donald M. Elkins, SIU assistant professor of plant industries and forage crops specialist, says the Demonstration Garden contains more than 75 different varieties, species and strains of field crops which include both common varieties and those which are unusual to the area. The garden contains one 30-foot row of each plant variety.

The legume crops section contains 35 different species, varieties or strains, ranging from numerous clovers to crownvetch. There are 20 kinds of soybeans from the creeping vine type or the black-seeded hay variety to the more standard oil and seed types. There also are soybeans with erect leaves for high population stands, smooth leaves, and others that do not produce nodules on the roots.

The corn varieties include single and double cross high-lysine types and a high-population kind with leaves growing erect near the stalk rather than spreading out at the side.

The grass crop area contains about 15 varieties of tame grasses used for hay or pasture and 10 native or wild grasses.

Visitors also will see fiber crops, such as kenaf, cotton and flax; such oil seed crops as safflower, castor beans, peanuts, sunflowers (both feed and oil types), and sesame; and other crops, such as sugar beets, and the small grains--rye, wheat, oats, barley, buckwheat and others which have been harvested.

Field Day activities also will include the chance to see the performance of standard and experimental herbicides for weed control in corn, soybeans and forage crops; special fertilizer experiments; row spacing for corn and soybeans; planting date studies for corn; soybean varieties, and other field crop work.

7 - 25 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., July --Dr. Amir Birjandi, under secretary for public education in the Ministry of Education in Iran, discussed his country's Education Corps, an alternative to the military draft, during his visit on the Southern Illinois University campus July 19.

"Iranian boys are automatically drafted into military service when they reach their twenty-first birthday," Dr. Birjandi said. "Our program, started six years ago, allows boys who have graduated from high school to choose to serve in the Education Corps as an alternative to military service."

The Corps has enabled the Iranian government to place teachers in many of the nation's 45,000 rural villages for the first time. Corpsmen teach primary subjects to village children and community development to the adults. They also serve as field representatives for various government welfare programs.

Corps volunteers are given rank equivalent to that of a Sergeant in the Iranian army during their two-year tours of duty, which includes a six-month training period.

"To illustrate the popularity of the Education Corps, we opened these teaching assignments to Iranian girls last year," he continued. "We had hoped to get 2,000 girls to volunteer and we actually received 11,000 applications."

In the six years since the Education Corps was founded, 47,000 boys have been sent to rural areas under its auspices. An estimated 27,000 have remained in the Corps as teachers or administrators after their two-year tour ended.

"The Ministry of Education recruits the best teachers among the volunteers each year to become professional teachers in the rural areas. In this way we are able to get added benefit from individuals who have been trained to teach in specific areas," Dr. Birjandi said.

(MORE)

The Iranian government recently established a college for teachers according to Dr. Birjandi. Volunteers who do well as rural teachers may qualify for scholarships to attend the college and work on bachelor-level degrees. He was on the SIU campus to discuss a new program under which five graduates of the new college in Iran would work toward MA degrees at the Carbondale school.

"We expect the first five Iranian students to arrive here in early August to begin studying for advanced degrees," he said. "When they have completed their course work here and have written proposals for their theses, they will return to Iran to do research in rural villages."

Dr. Birjandi indicated that his government planned to keep a total of five Iranian graduate students studying at SIU under this program permanently. He added that these five and others like them would have faculty positions at the new college in Iran.

During his stay in Carbondale, Dr. Birjandi conferred with Carbondale Chancellor Robert MacVicar and other key administrators of the University.

7 - 29 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 30-69 (About people, places and events in Southern Illinois by Lorena
Jean of the Southern Illinois University News Services)

In this decade of change, how about a change of pace? Take a glimpse of student life in the quieter, simpler years on a college campus.

For three score years and six, two "literary societies"--Zetetic and Socratic--ruled the roost socially, recreationally and intellectually on the campus of Southern Illinois University, now celebrating its Centennial Period, 1969-74.

The Zetetic Society was organized only a couple of months after the first classes of the then Southern Illinois Normal University were opened July 2, 1874, and the Socratic Society less than a year later. Both fell victim to "changing times," the Zetetics in 1940, the Socratics in 1941.

"Those Friday night meetings were almost sacred engagements," Mae Trovillion Smith, faculty member and sponsor of the two groups from 1920 to 1931, wrote in a "History of the Zetetic and Socratic Literary Societies" published in connection with the University's Diamond Jubilee.

"Since they filled the need for social affairs and entertainments, they were looked forward to with keen enjoyment from one Friday to the next."

Townspeople as well as the student body and faculty attended the spring entertainments by the two societies. "Parties, weddings, yes, and sometimes even religious gatherings in Carbondale were postponed if they conflicted," she asserted.

In the early days debates were the important part of the societies' programs, the speakers arguing such questions as "Has the invention of machinery been a benefit to the masses?", woman suffrage, "Is dancing morally wrong?", "Resolved: That personal merit is more effective in promoting advancement in life than powerful friends," and--in the roaring '20's, "Petting is reprehensible for unsophisticated, bashful, awkward, green, village cut-ups!"

(MORE)

These debates produced many alumni who sharpened their speaking talents in the societies' halls, including Roscoe Pulliam, class of 1920, SINU president from 1935 to 1944; Charles Sattgast, '21, president Benidji (Minn.) Teachers College; Albert Mead, '82, governor, state of Washington; Kent Keller, '90, U. S. congressman 1930-40.

Meetings of the societies were lengthy--sometimes the janitor had to turn out the gaslights to run the members out of their fourth floor halls.

"The men in those societies, some fresh from the farm, may have made a few mistakes in the correct table etiquette with silverware," Mrs. Smith wrote, "but they were practiced in the art of chivalry and respect for the girls in the societies. It was an unwritten law among the male members to escort the girls to and from the meetings, an easy law to follow with the pretty girls--but alas, they were not all beautiful! So these young men took turns calling for the homely and unattractive girls and accompanying them home, with the same courtesy given to the beauties."

From the first the Zetetic Society was co-educational--four of its first officers, including the president, Mary Wright, were women. But the Socratic Society had a strong faction who argued that "the presence of women would lend a frivolous atmosphere, destroying the serious and profound elements in their programs." However, the final vote was taken on a rainy night when the "anti-girl crowd" was absent, "attending a wild circus down near the railroad tracks," so the pro-girls won.

Each society had to equip its own room, raising money by oyster suppers and entertainments at 25 cents a head admission. By 1883 each had acquired a piano, tables, desks, benches, pictures, chandeliers, carpets and a small library.

It took the Zetetics three years to raise the funds for their red Brussels carpet, which cost \$1 a yard and required 115 yards. But, Mrs. Smith wrote, "so excited were the members over the actual purchase of the carpet that the tacks had been entirely forgotten....They had neglected to appoint a committee to consider the buying of the tacks. So the beautiful carpet remained rolled in its burlap wrapping until due legal action on tacks could be taken."

(MORE)

That wasn't all. A padding for the carpet became "worry number two," and the business meeting went far into the night. "One motion was made to spread tobacco on the floor that could serve the double purpose of a thin padding and a safeguard against moths." Eventually they settled on cedar paper.

Alas, the Main Building (in fact, the only building) was destroyed by fire, just as its successor, "Old Main," went up in flames last June 8.

The Socratics lost everything in the fire, but the Zetetics were able to save part of their possessions, and even ripped up the red Brussels carpet and threw it out the window!

When the second Main Building was completed in 1887, the societies took possession of new quarters on the third floor, with their names and mottoes painted on the transoms of the big double doors. The Zetetics (a Greek word meaning "a seeker") had chosen the sentence "Learn to Labor and to Wait" as their guiding principle, while the Socrats turned to the Latin "Nulla vera felicitas sine sapientia" ("No true happiness without wisdom") as a slogan.

It was Prof. Shryock (later president) who first diverted the societies into dramatic channels. He joined the faculty in 1893 as teacher of literature, and immediately added a Shakespearean play to the Spring entertainments.

"He always said that he could tell just by watching a student walk across the campus or enter a classroom whether he could be trained to act the role of a courtier or a clown," Mrs. Smith wrote. "And by the same token, if a girl had what he called 'a cornfield walk,' as if she were striding across the field to feed the cattle, he knew that the part of Portia or Ophelia was not for her."

Shryock also introduced "emotional expression through voice and gesture," presenting tableaux, wand drills and romantic scenes in pantomime, with the actresses in filmy, flowing, spangled costumes.

Once, for a pageant commemorating the Landing of the Pilgrims, Mrs. Smith urged students "to raid the chicken yards on their farms during the weekend to bring back the feathers" for the Indian costumes. On Monday morning, she wrote, "the place looked like a wholesale poultry house."

But by 1929 the societies "as purely literary organizations began to decline," and the advent of the '40's saw their demise, absorbed by other campus organizations.

7 - 29 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

SIU COUNTRY COLUMN

By Albert Meyer

Silo filling time can be dangerous for the careless farmer, says J. J. Paterson, Southern Illinois University farm safety specialist. This applies especially to the upright silos rather than to the horizontal types (bunker or trench).

Failure to provide ventilation when entering an upright silo, either during the filling operation or after it is full, is the source of danger because harmful gases collect in it from the forages during the silage formation period.

Nitrogen dioxide and carbon dioxide are the two gases in silos that can kill the unsuspecting person who enters a partly filled silo or opens an airtight unit. Both gases are heavier than air, collecting in the silo or flowing down the chute when the silo is opened.

The nitrogen dioxide is formed when nitrates and other nitrogen-containing materials in the chopped forages change to gas. The gas is highly irritating to the throat and lungs and is responsible for what is called "silo filler's disease." It can be seen as a yellowish brown gas at concentrations of 100 parts per million, but can be harmful at a concentration of only five parts per million. If the person entering the silo begins to feel slightly ill, he is advised to get out at once and go to a physician, even if the sickness leaves. Lung congestion caused by the gas irritation may develop a day or two later and require administration of oxygen for breathing.

Carbon dioxide is invisible. It is the product of silage making, especially in the modern airtight silos, and will suffocate the unwary person who enters the unventilated silo.

Here are silo filling safety suggestions from Paterson.

(MORE)

Keep the blower running on the silo filling machine while working in the silo during the filling operation. If the filling operation has been stopped for a time, run the blower several minutes before entering. After the silo is full stay out of it for a few weeks. Always have some other person nearby when entering or opening a silo to provide assistance or sound an alarm in case of accident.

Using trained servicemen to enter an airtight silo is suggested. Oxygen-supplying equipment, such as that used by scuba divers, is needed for this task. When planning to open the plastic seal in an airtight silo for removing feed, the chute and the silo room doors should be left open to provide ventilation for the trapped gas as it flows out of the silo. Livestock should be kept away until the gas has escaped.

-am-

7 - 29 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., July --Lt. Gov. Paul Simon will be guest speaker

August 19 at the eighth annual Youth World Conference on Southern Illinois University's Carbondale Campus.

Simon, author, Lincoln scholar and former newspaper publisher who served in both the Illinois House of Representatives and Senate before being elected lieutenant governor in 1968, will address a special afternoon session of the conference, according to Assistant Dean Glenn E. Wills of the SIU Division of Technical and Adult Education.

"Lt. Gov. Simon is a particularly appropriate speaker for this group because of his record of governmental and public service," Assistant Dean Wills said. U. S. Congressman Kenneth Gray addressed the 1968 session.

Youth World is a week-long program designed to develop qualities of leadership in high school seniors through participation in a mock United Nations assembly. The youths gain experience in committee and legislative proceedings while getting an insight into national and international affairs.

While still in his teens, Simon established a reputation for public service when he exposed vice and corruption in Madison and St. Clair counties with his weekly Troy, Ill., Tribune and appeared as a witness before the Kefauver Committee of the U. S. Senate. In all his four terms in the Illinois House and two in the Senate, the lieutenant governor was cited for outstanding service by the Independent Voters of Illinois.

7 - 30 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois
Phone: (618) 453-2276

CARBONDALE, ILL., July --Many thousands of radio listeners in the United States and overseas heard programs produced by the Southern Illinois University Radio Tape Network during the 1968-69 broadcast year which ended June 30.

According to the network's director, E. Walter Richter, 50 American stations carried one or more programs from the 13 series offered during the year, or a total of more than 4,000 tapes.

In addition, master tapes of the series "Latin America: Perspectives" were distributed by the National Educational Radio Network to 52 of its affiliate stations, a total of 2,028 tapes. This series and another, "A Question of Art," were carried worldwide on the Voice of America.

During the year the SIU network also provided 312 program tapes to Carbondale Community High School for use in its learning center.

Programs of the SIU Radio Tape Network are heard in the area on WSIU-FM, 91.9 megacycles, as well as on a number of other stations in Southern Illinois.

-rk-

8 - 1 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --Dislocated by the Old Main building fire June 8, the Southern Illinois University Museum, with its headquarters now at 207 E. Pearl St., is branching out.

Eight cased exhibits, ranging from antique clocks to American Indian fashions, are on display in five buildings around the Carbondale Campus, according to Dale Whiteside, curator of the exhibits.

In the Home Economics Building are exhibits of Plains Indian fashions, and of weaving, macrame, and stitching samplers. The samplers were made by students in a beginning weaving course at SIU.

Antique clocks, on loan from Marion Mitchell and Clyde Winkler, both of Carbondale, can be seen in the Morris Library. Also in the library is a display of San Marcos Mexican pottery.

Larry Turner, a fine arts graduate student from Mundelein (458 North Lake), has pieces of his pottery on display in the University Center Magnolia Lounge. Turner's display is under the sponsorship of the museum as is that of Mary Lynn O'Shea, another fine arts graduate student from Elmwood Park (2638 N. 75th). Miss O'Shea's weaving is being shown in the General Classrooms Building.

Also in General Classrooms is a display of Northwest Indian art. Kwakwaka'wakw and Haida tribes of northern Washington and Canada are represented in this display.

The Old Barn, located in the Agriculture Building, contains antique farm equipment once used in the area.

Whiteside plans to continue displays of students' work from the different art media. He is working now to set up an exhibit of metal jewelry to be seen probably by early winter.

(MORE)

-2- Museum Displays

Whiteside and Bill Sherer, preparator of the exhibits, feel the museum should reflect the life at the University, and should relate to the students what is and has been happening in Southern Illinois. So they have begun a program of tours and lectures sponsored by the museum, to take the University into Southern Illinois and to bring students to those parts of the area that can't be encased in exhibits.

More than 100 persons registered for the New Athens tour Saturday (Aug. 2) to include a bus trip to and from the archeological grounds, lunch, and a chance for persons to investigate the area as well as do some digging.

Plans for a trip to the Smithsonian Institute in Washington, D. C., are being made for the break between winter and spring quarters, Whiteside said.

Though the Old Main fire was a disaster, it has caused the museum to reach more students, Whiteside feels.

8 - 1 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --"Our schools have pushed out a lot of people who were not challenged by or interested in the conventional curriculum," according to Lowell Burkett, executive director of the American Vocational Association.

Burkett is at Southern Illinois University's Carbondale Campus teaching a two-week graduate course on "Emerging Concepts in Vocational-Technical Education." The course is offered by the Technical and Industrial Education division of SIU's School of Technology.

Burkett says schools have failed in their obligations to some of their students.

"They have tended to force those students who were not academically inclined out of the schools," he says.

"Vocational programs should be available to these persons at any time in their life while in school or afterwards, even if they do not have a high school diploma," he continues.

Burkett began his educational career in Illinois, teaching in Crawford County from 1932 to 1948. From there he went to the Illinois Department of Education. He became assistant executive secretary of the American Vocational Association in 1955 and has held the post of executive director of the organization since 1966.

A great demand exists today, he says, in the service occupations and technical specialties. Many positions in these fields can be filled by persons with two years or less of post-secondary training.

8 - 1 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --Southern Illinois University's first and only woman dean of an academic division will retire from that position at the end of August.

Eileen E. Quigley, dean of the School of Home Economics since its organization in 1957 and before that chairman of the home economics department since 1948, will be honored at a dinner August 7 at 6:30 p.m. in the University Center Ballroom. The event is being arranged by the staff of the School.

Dean Quigley, during her 21 years on the University faculty, has been an aggressive spokeswoman for the cause of home economics as a professional curriculum in the academic family.

She has fought for professionalism and sound scholarly standards in the instructional program in home economics and has forged strong ties between the School of Home Economics and its graduates, teachers of home economics in the area and other groups interested in home economics-related fields.

Students in home economics, she believes, should set examples of appropriate dress and behavior, and she has urged high standards among them. To maintain a close relationship with the students in the School, she has worked closely with an elected Student Advisory Council, representing all classes and all departments, with whom she meets regularly for discussions of student problems.

One of Dean Quigley's major achievements was spearheading the development of a successful campaign for a new Home Economics Building. The building was completed and occupied in the fall of 1959.

Under her guidance the School of Home Economics has grown into a division with more than 600 undergraduate students enrolled and approximately 50 graduate students working toward master's and doctoral degrees. Among its students are more than 30 men students and approximately a dozen students from foreign countries.

(MORE)

In addition to her University duties and activities, she has been active in state and national home economics organizations, has served as president of the Illinois Vocational Association and the Illinois Vocational Homemaking Teachers Association and currently is president of the Illinois Home Economics Association.

Dean Quigley last year was elected a member of the executive council of Home Economics Administrators in the National Association of Land Grant Colleges and Universities, and has served as a consultant to the Illinois Governor's Commission on the Status of Women.

In 1960 she was the keynote speaker before the Canadian Home Economics Association and served as consultant to the nutrition division of the Canadian Department of National Health and Welfare. In 1963 she joined a group of home economists for a Family Life Tour to London, Vienna, Moscow, Leningrad, Helsinki, Stockholm and Copenhagen.

A Fellow of the American Association for the Advancement of Science, Dean Quigley is the author of a college textbook, "Introduction to Home Economics," and co-author of "Home Economics in Junior Colleges," and has published numerous articles and bulletins.

A graduate of Northwest Missouri State Teachers College, Maryville, Mo., she holds the master's degree from Columbia University and the doctor of education degree at the University of Missouri. Before coming to SIU she had been chairman of the food and nutrition department at Stephens College and at Stout Institute and had taught at the University of California, Santa Barbara.

In 1950 she was married to Floyd Quigley of DuQuoin and later of Carbondale. Mr. Quigley is now deceased.

A tall, slender blonde, Dean Quigley is an ardent golfer, usually spending her winter vacations in sunny climates such as Florida, Mexico or Puerto Rico. She also is keenly interested in gardening.

I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the matter of the ... and to inform you that the same has been forwarded to the proper authorities for their consideration.

I am, Sir, very respectfully,
Your obedient servant,
J. H. ...

I have the honor to acknowledge the receipt of your letter of the 15th inst. in relation to the matter of the ... and to inform you that the same has been forwarded to the proper authorities for their consideration.

I am, Sir, very respectfully,
Your obedient servant,
J. H. ...

I have the honor to acknowledge the receipt of your letter of the 20th inst. in relation to the matter of the ... and to inform you that the same has been forwarded to the proper authorities for their consideration.

I am, Sir, very respectfully,
Your obedient servant,
J. H. ...

I have the honor to acknowledge the receipt of your letter of the 25th inst. in relation to the matter of the ... and to inform you that the same has been forwarded to the proper authorities for their consideration.

8 - 1 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --An original half-hour television play written by a Southern Illinois University doctoral student in theater will be seen on 17 stations throughout the Midwest Tuesday evening (Aug. 5) on the Central Educational Network's "Accent on Performance" series.

The production is called "Stackalee," an updated comedy version of the Faust legend. The author is Jack Stokes of Belleville. The show will be seen in the Southern Illinois area from 7:30 to 8 p.m. on WSIU-TV, Channel 8, Carbondale, and WUSI-TV, Channel 16, Olney.

The main character, Stackalee, is cast as an unknown Western "super bad guy" who is in jail and discovers that all of his super feats were caused by the Devil, a character named Scratch. In order to keep Scratch from claiming his soul, Stackalee has to figure out some way to keep from dying.

Stackalee is played by Robert Zay, an SIU graduate student in theater from Springfield, Mo. Scratch is Jay Weicker, an undergraduate from Park Forest. Members of the chorus are Christian Moe, SIU professor of theater; and SIU students Mary Russo, St. Louis; Rod Harder, Buffalo, N.Y.; George Schroll, St. Louis; and Colin Heath, Memphis, Tenn.

The play is produced by the Beta Kappa chapter of Alpha Epsilon Rho, national honorary broadcasting fraternity, the SIU department of theater, and the SIU Broadcasting Service. Executive producer is Bruce Monaco of Chicago and the director is Mark Wolfson of Huntington Station, N.Y.

Jack Stokes, the author, received his bachelor's degree at Indiana State University and his master's at the University of Illinois. While working for his Ph.D. at SIU, he teaches speech and theater at Belleville Area College.

8 - 5 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 31-69 (About people, places and events in Southern Illinois, by Pete Brown of the Southern Illinois University News Services)

Back in the mid 1930's, when the rigors of the depression lingered over a land faced with a Pandora's box of loosed social demons, there was a lot of worry about "subversive propaganda" in the classrooms.

The "National Americanism Commission" of a veteran's organization decided to find out what those professors were doing and it asked college presidents across the nation to check them out and reply with "Guest Editorials."

One of those polled was H. W. Shryock, then president of Southern Illinois University, and his response was a thoughtful classic.

Economic inequalities, the plight of the working class, government social legislation that seemed somehow dangerous to constitutional ideals--these were the louder demons of that time.

But Shryock's words appear no less pertinent today--perhaps even more so--when the human rights struggle is a persistently dominant theme in the edgy drama of American society.

His letter is edited for brevity:

"I once heard a faculty member denounced as a 'Red Communist' when the specific charge against him was that he favored municipal ownership of the power plant in his town. I suppose it would be very difficult to name at random any 10 intelligent men from whom any two could be selected who could agree exactly as to what would constitute 'subversive political propaganda'; and even the compound 'un-Americanism' might provoke endless debate....

(MORE)

"I have a suspicion that if George Washington's disembodied spirit kept track of the activities of perhaps the greatest of his successors, the 'Father of His Country' undoubtedly indulged in a great many ghostly head-shakings, especially on the day when Abraham Lincoln issued the Emancipation Proclamation. Un-American it must have seemed to Washington.

"I am inclined to think, too, that if the spirit of Lincoln is standing guard on the battlements today, he is no less perturbed over the activities of (Franklin Delano Roosevelt). I can fancy that Abe, the lawyer, would have at least two counts in his indictment, 'un-Americanism, and subversive propaganda...'

"So far as I know this school has never in any degree sympathized with revolutionary efforts to bring about governmental changes. This does not mean that we do not look forward eagerly...to a time when there shall be fewer inequalities in the distribution of wealth and privileges; and this glad new day we hope to see brought about not by the angry and explosive violences of revolution, but by the safe, orderly, and more or less silent but certain processes of evolution.

"I hope that our students and teachers alike are cognizant of the fact that the long drawn-out struggle for liberty is turning more and more toward a demand for equality, or a nearer approach to equality, in the matter of freedom to participate in what physical humanity has come to look upon as the 'good things of life'; and no just man can be satisfied as long as 'velvet and rags' jostle on the same highway.

"Satisfying food and raiment and shelter and the 'glory of motion'--these are what humanity is crying for today, and we are still far from the millenium. But after all it would be a sorry exchange if the whole human race should win its economic freedom, only to find its nobler self crushed by a baser thralldom. Freedom and liberty are splendid words to conjure with, but the noblest freedom of all is freedom to live one's life in one's own way.

"And no one may live his own life in his own way if his daily round of activities is mapped out for him--the things he may love, the things he must hate, the prejudices of someone else to whom he must be subservient, the cruelty he dares not lift a hand against, abominations that he must not denounce,--under these conditions, no matter how much of this world's goods he may obtain, how much of economic freedom he may enjoy, he has in the larger and finer sense sold himself into slavery.

"If one must live in fear of the mob on one hand or the dictator on the other, no matter how comfortable his raiment or satisfying his food, there is another hunger that will gnaw at his heart, and another chill that will numb his soul. Real liberty to live one's life in one's own way has been the highest dream of humanity, and the noblest spirits have willingly faced the prison, the scaffold, or the cross in order that humanity somewhere in later days may find unfettered freedom; and we who have a passion for liberty join our voices to prolong the cry that in some form or other has echoed across the solitude of all the centuries past.

"Oh, law, fair form of liberty, God's light is on thy brow!
Oh, liberty, thou soul of law, God's very self art thou!
Oh, daughter of the bleeding past! Oh, hope the prophets saw!
God give us law in liberty, and liberty in law!"

8 - 5 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., August --Hope for some long-term mental patients is seen in a report on experiments conducted by a Southern Illinois University : psychologist.

The researcher is B. L. Hopkins of SIU's Rehabilitation Institute. His work in conjunction with three colleagues from other universities is reported in the winter issue of the Journal of Applied Behavior Analysis.

The work was done with three chronic mental patients described as schizophrenic psychotics. They had been institutionalized for periods of 12, 17 and 20 years respectively. All three exhibited the classic symptom of withdrawal--a very low rate of verbal responding to others.

All previous scientific data points to the fact that the longer this type of patient is hospitalized, the more difficult it becomes to modify behavioral withdrawal, Hopkins said.

The three-month experiment utilized the technique of getting the patients to talk--even if only to say hello at first--by rewarding them for doing so. Since all three were smokers, the reward in this case was a cigarette.

Gradually as their responses reached a desired level, the reward was given less frequently and finally was not offered at all. Despite this, the patients continued to respond in an appropriate manner whenever they were in the presence of a researcher.

The significance, Hopkins explained, is that if such patients can be motivated, there is hope that further therapy may be able to modify their behavior to such an extent that they may become useful to themselves and others.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

SIU COUNTRY COLUMN

By Albert Meyer

Farmers whose pastures have run down to low quality grass and weeds ought to be planning now to give the field a renovation job to reintroduce legumes and improve the forage quality, says Donald M. Elkins, Southern Illinois University forage crop specialist. With the abundant soil moisture resulting from excessive rains in most of the area, it should not be difficult to prepare the fields and get new seedings started.

Renovation usually means eliminating more than half of the grass by cultivation or the use of chemicals, adding lime and fertilizer, and seeding to legumes without plowing the field. Of course, if there are no suitable pasture grasses, such as fescue, orchardgrass, or bluegrass, the farmer would be better off to plow the field and start over unless the fields have rather steep slopes subject to severe erosion.

If renovation work can be done soon enough to seed the alfalfa or ladino clover before mid-August, the field work should be done immediately. If legumes cannot be seeded during the first half of August, the sod renovation may be postponed until late September or October for seeding to legumes in February or March.

The following procedures are suggested. Take soil samples from the old field and have them tested to determine fertilizer needs. Some fertilizer dealers can do the testing. Then graze down or mow the vegetation as closely as possible, spread on the required lime, and tear up the sod with a heavy disk or springtooth cultivator to prepare a seedbed and kill about three-fourths of the grass, leaving the dead vegetation on the surface as ground cover.

(MORE)



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Elkins says herbicides may be substituted for cultivation to kill down the grass, using only light disking as a followup to break up the sod. Suggested chemicals are dalapon at five to ten pounds per acre or paraquat at two to three pounds mixed according to package directions for spraying. The chemical treatment is suggested especially for steep slopes where heavier cultivation may result in erosion.

Needed phosphorus and potassium fertilizer can be applied during the cultivation process ahead of seeding. Nitrogen should not be included in the fertility program because legumes fix nitrogen from the atmosphere. Adding it in the form of fertilizer will only stimulate the growth of the grass and weeds as competition for the developing legume crop.

A firm seedbed and lightly covering the seed is best for assuring good stands of alfalfa or clover, Elkins says. Using a seeder with a corrugated roller is suggested for even distribution and lightly covering the seed during the summer seeding.

If sod renovation is delayed until fall, the plant residue will protect the surface from erosion during the winter and provide a suitable seedbed for legume planting in February or early March.

Good pasture management after renovation will assure continued good quality forage of legume-grass mixtures. This suggests keeping grass grazed down or clipped for silage and hay in the spring when the fields are firm to reduce competition for the developing legumes. Maintain fertility by topdressing annually with phosphorus and potassium. Lime should be added every three or four years.

The first part of the report is a summary of the work done during the year. It is followed by a detailed account of the various projects and experiments carried out. The report concludes with a list of references and a summary of the results.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --Southern Illinois University's doctoral program has been granted full accreditation by the North Central Association of Colleges and Secondary Schools, it was announced by William Simeone, University dean of Graduate Studies and Research.

The Association has notified SIU President Delyte W. Morris that "on the basis of many evidences of high quality reported by our visiting team, the North Central Association of Colleges and Secondary Schools, at its meeting on July 25, voted to grant full accreditation to Southern Illinois University as a doctor's degree granting institution."

Previously, SIU had preliminary accreditation at the doctoral level. Doctor of philosophy degrees are offered in 20 areas of study at the University.

The North Central team of nine educators, headed by Lynn Merritt of Indiana University, was at SIU from April 27 to May 1 making an institutional study of the University, with attention being paid to the graduate program.

"I think the decision speaks for itself," was Dean Simeone's comment.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --Every Sunday this summer a bunch of hot, thirsty, usually hungry high school teenagers arrives at a cluster of cabins on Little Grassy Lake near here to begin a week-long crash course in conservation.

The story is the same with each group, each week. By Sunday evening, their cabins and campground are dotted with soft drink cans, candy wrappers and the casual litter of outdoor America today.

But by Tuesday morning it's all gone and the site stays as clean as a wilderness meadow until the next contingent of students bunks in on Sunday.

This sudden behavior change may be the most encouraging "feedback" instructors are getting from the annual Southern Illinois University Conservation Workshop, one of five being conducted at Illinois universities this summer. Chief sponsor is the state office of Public Instruction.

SIU's is at the University's Little Grassy Lake Outdoor Laboratory, where conservation, special education and recreation is taught and practiced throughout the year for the benefit of Illinois schoolchildren and handicapped youngsters.

The emphasis is on the interdependence of resources, the vital and precarious balance between the animal, vegetable and mineral components of the environment.

Each day's activity in field and classroom is followed by reminders--sometimes grim ones--of the desolation and loss that can follow misuse of the environment and disregard of nature's scheme.

"We try to give them concepts instead of facts and figures," says Dean Brandenburg, an SIU graduate student in forestry who is directing the summer series. A teaching staff made up of University faculty members from various departments provides the expertise.

"Some of the kids who come in here are right off the city streets. They don't have any real understanding of the environment. Soil is dirt; a tree is a tree."

(MORE)

A day at Giant City State Park down the road is followed up by a film on environmental abuse and destruction caused by tourists in national parks.

"They're kind of amazed at what can happen when you cut down a tree or throw out some litter," says Brandenburg.

On one day of the week, they'll spend a day learning about water conservation and grassland ecology; a day which includes a visit to the state fish hatchery at Little Grassy. That night, a team of staffers from the SIU School of Technology will sharpen their concepts of "man and the environment" with a sobering discussion of water and air pollution.

Another whole day is devoted to soils and timber; each student sets up a research plot similar to the standard "Continuous Forest Inventory" used by the U.S. Forest Service and uses simple probes and other tools to determine horizons, percolation rates, soil texture and other factors.

By the time camp ends on Fridays, Workshoppers have soaked up a good deal more about resources management than they could get out of a textbook. Paul Yambert, a conservation professor who heads up SIU's whole Outdoor Laboratory system, says the students "represent the critical generation in conservation education. If they learn a little, it will mean a lot."

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
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CARBONDALE, ILL., Aug. --Retiring after 11 years as Southern Illinois University professor of forestry, Neil Hosley and Mrs. Hosley departed for Colorado Monday (Aug. 11) to make their home in the Denver area. They have sold their home near DeSoto, Ill.

Hosley has accepted a part-time position with the library reference service of the Denver Public Library, working especially in areas concerned with natural resources and wildlife management. He says the job, besides being of special interest to him, will allow time for retirement travel, fishing and hunting.

Hosley came to the SIU faculty in 1958 to head its newly-formed forestry department and remained chairman until 1964 when he requested reassignment to teaching and research for health reasons. John Andresen was appointed to the faculty to succeed Hosley as chairman.

Prof. Hosley has been a teacher and administrator in forestry and wildlife management fields since receiving his master's degree from Harvard University in 1925. He received his doctor's degree from the University of Michigan in 1938. He taught forestry courses, carried on research, and helped manage the Harvard Experimental Forest at Petersham, Mass., during 13 years of service on the Harvard University faculty. He also was on the University of Connecticut faculty for eight years, was on the faculty and dean of the University of Alaska for seven years, and spent one year on the Montana State University faculty before coming to SIU.

After giving up the department chairmanship at SIU he devoted his time to teaching, research and working with forestry students and alumni. He has compiled two bibliography publications issued in the last two years. These are an updated "Selected References on Management of White-Tailed Deer, 1910-1966," issued as Special Scientific Report: Wildlife No. 112 by the Bureau of Sport Fisheries and Wildlife, U. S. Department of Interior; and "A Selected Bibliography of Forest Management-Wildlife Management For Southeast Alaska," published recently as SIU Department of Forest Publication No. 3.

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8 - 12 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --Southern Illinois University's Museum early this month (Aug. 2) invited the public to visit one of its archaeological "digs," as a new feature of its educational program.

The public responded--more than 175, ranging from toddler size to 80 years of age--to the opportunity to tour the excavations at the Marty Coolidge site near New Athens, Ill., on the banks of the Kaskaskia River, where long-buried prehistoric Indian homesteads are soon to be reburied in a canalization project.

Three bus-loads of visitors traveled from the Carbondale Campus to the field crew's New Athens laboratory for a look at some of the salvaged materials, then were joined by a dozen or more carloads of local residents to visit the river-bank site.

Largest of the delegations on the trip was a party of 45 school children and a few adults, organized by Mr. and Mrs. Bill Dallas (R.R. 4, Murphysboro) as an educational tour for children of local Woodman of the World members.

Once at the site, children played hop-skotch over the wall trenches and potholes where prehistoric Indian children had lived with their parents as long ago as 400 B.C. Grown-ups asked questions about "how can you tell this was a house?" and learned about the ceramic techniques of the Woodland and Mississippian cultures.

The tour was arranged by Dale Whiteside, the Museum's education curator, and Carl Kuttruff, salvage archaeologist in charge of the New Athens field project.

This is the third summer Kuttruff and a field crew have conducted excavations in the New Athens area under grants from the National Park Service. More than 60 known prehistoric occupation sites in the area have been located, most of them representing the Middle and Late Woodland period (about 400 B.C. to 900 A.D.), although some are identified as Mississippian (900 to 1450 A.D.).

Along with thousands of pieces of pottery, arrowheads, hammerstones, drills and other tools, the SIU party has turned up nearly a hundred small flint items which Kuttruff calls "micro-tools,"--miniature scrapers, chert flakes and spokeshaves used for shaping objects such as arrow shafts or bone drills.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
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CARBONDALE, ILL., Aug. --"Here I am down in Egipt (sic) mustering in a Regiment of Volunteers. Saturday I muster in one at Belleville and next week one at Anna, near Cairo. I think then the Governor will let me go home."

Thus wrote Ulysses S. Grant from Mattoon to his wife, Julia Dent Grant, on May 9, 1861, less than a month after the first shot of the Civil War.

The 39-year-old Grant was serving on the staff of Illinois Governor Richard Yates. Only a few weeks earlier he had been earning a modest living in his father's leather business in Galena. Within three months he would be commissioned a brigadier general in the Army.

The story of Grant's early Civil War service in Southern Illinois is told through his letters and other war records contained in Volume II of "The Papers of Ulysses S. Grant" which will be published August 15 by the Southern Illinois University Press. It is part of a projected 14-volume series which is expected to take another ten years to complete.

Volume II covers the months of April to September, 1861, and is rich in Southern Illinois history. Among the hundreds of personal letters and official documents, 80 per cent of which are published here for the first time, Grant makes reference to every city in the area which was of military consequence to the Union cause.

Edited by John Y. Simon, associate professor of history at SIU, the series is sponsored by the Ulysses S. Grant Association, an outgrowth of Civil War centennial commissions in the states of Illinois, Ohio and New York.

Much of the original material has been supplied by Major General Ulysses S. Grant, III, who died shortly before the volume was ready for the printer, and by his surviving sister, Julia Cantacuzene, grandchildren of the 18th U. S. President.

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --More than 40,000 Southern Illinois school children and 1,600 teachers are expected to benefit from programming of the Southern Illinois Instructional Television Association's ninth year on the air which begins September 15.

The nine-month season will feature 38 program series for kindergarten through grade eight, an increase of 15 programs over last year, according to Carl Planinc, acting director of SIITA.

The Monday through Thursday programming again will be seen on WSIU-TV, Channel 8, Carbondale, and WUSI-TV, Channel 16, Olney.

The increase in the number of programs, Planinc said, will be made possible by eliminating the customary five-minute break between shows and by lengthening the broadcast day by 45 minutes. The programs will be on the air from 8:40 to 11:55 mornings and from 1 to 3 in the afternoons. The practice of repeating a number of shows at different times also will be curtailed. Seven of the programs will be seen in color, compared to two last season.

New shows this year will deal with natural sciences, language arts, creative dramatics, literature appreciation, mathematics, history of minority groups, and how to choose a career.

Teachers at schools which are members of SIITA receive lesson manuals and other printed material well in advance of each program. The SIITA is administered by a committee of 16 Southern Illinois educators.

Cost to the schools for the service is \$1 per year per pupil. Schools wishing to use the programs from both SIITA and Channel 9 in St. Louis may pay \$1.70 per pupil and those using SIITA in combination with Channel 12 in Champaign pay \$1.50 per pupil.

School administrators who wish to enroll their schools as members of SIITA may obtain further details by writing: Dr. Carl Planinc, Instructional Television, Southern Illinois University, Carbondale, Ill. 62901.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
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OLD MAIN FIRE

PROBE GOES ON;

SOME OPTIMISM

CARBONDALE, ILL., Aug. --Investigation of the June 8 fire that destroyed historic Old Main Building on Southern Illinois University campus here is two months old but the probing continues--with some optimism.

A \$10,000 reward still dangles for some person or persons to grab, if the right facts are forthcoming. And although long arduous work on clues and gossip has not turned up the guilty, there is no great letdown by investigators.

"The work continues daily," said Capt. Carl Kirk of the SIU Security Office. "All leads and information are researched, evaluated, and filed. We're still getting a little lead here, a little lead there."

Investigating the fire since the day the building burned have been representatives of the state fire marshal's office, Carbondale fire department, and University police.

Their probe has extended into various parts of Illinois and into other states as investigators run down tips and rumors. Kirk said 10 or 15 trips have been made outside Carbondale and the telephone has been used extensively for calls to other cities.

Despite what could be a futile two months, Kirk is still optimistic that the guilty person or persons might be apprehended and convicted. He bases his optimism on the cooperation of interested persons and on bits of information received that might loom important.

We'll need considerably more facts, however, before any charges can be filed," he said.

Kirk could not estimate how many hours have been put into the investigation. "But the hours are never ending for our investigators," he said. "We would appreciate it if people with any information would let us know." Persons can call a special number, 457-5323, or the Security Office, 457-7014.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

SIU COUNTRY COLUMN

By Albert Meyer

Farmers planning forage crop seedings in new or renovated pasture and hay fields between now and next spring can glean helpful suggestions about alfalfa from discussions during a recent agronomy field day at Southern Illinois University, Carbondale.

Specialists reported that farmers need not worry nearly as much about the alfalfa weevil as was the case a few years ago when the pest first started moving up through the state. New ways of crop management, spring chemical treatments, and breeding of new varieties will do much to offset the weevil damage problem, they said. Any farmer wanting to grow alfalfa can do so by seeding good adapted varieties, following a good fertility program, and harvesting several times during the year.

Field day visitors were told that alfalfa ought to be harvested in the bud or early bloom stage to have better quality forage high in protein content and to obtain greater yields. Under this kind of harvesting schedule Southern Illinois farmers ought to plan four to five cuttings per year, starting with the first harvest about mid-May and cutting about every four to six weeks thereafter until September or October when the crop should be allowed to "rest" and store food in the root system for winter. Under this management system most varieties under test at the SIU location produce five to six tons per acre during the season.

To get this kind of production, alfalfa should be seeded on well drained fields that have had plenty of limestone, phosphorus and potassium added according to needs indicated by soil tests. The phosphorus and potassium should be added in a topdressing each year after the first cutting to maintain fertility. Lime may need to be added every two or three years to keep the soil from becoming too acid for alfalfa growth. When weevil infestation shows signs of becoming damaging during the spring the fields may need to be sprayed with a recommended insecticide once or twice before the first cutting.

(MORE)

New varieties considered tolerant (resistant) to alfalfa weevil are being developed by plant breeders. Three mentioned at the field day are FFR Syn W, which goes by the common name Weevil Check; Team, and WL 320. The first is being distributed by the Indiana Farm Bureau but the other two still are in the testing stage or are just being released to seed growers, so farmers will not yet be able to find the seed.

Most farmers who grow alfalfa are moving away from some of the older varieties, such as Ranger, and are planting varieties that mature earlier and recover faster after cutting so total yields will be greater. Some of the high-yielding hay varieties usually produce heavily for only two or three years before the stand dwindles because they are susceptible to bacterial wilt diseases. Farmers who want longer-lived alfalfa stands, especially for pastures, should consider recommended general purpose types which are more resistant to bacterial wilt diseases.

The hay type alfalfa varieties include Alfa, Cardinal, DuPuits, Flamande, FD-100 and several other similar ones, most of which are classified as Flemish type alfalfa. The recommended general purpose pasture types include such well-known varieties as Buffalo, Cody, Vernal, Cayuga, and some of the newer ones such as Progress, Saranac, Warrior and some numbered varieties. Most of these are of the non-Flemish type with some resistance to bacterial wilt.

8 - 12 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
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IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 32-69 (About people, places and events in Southern Illinois, by Pete Brown of the Southern Illinois University News Services)

Mary (not her real name) is an elderly retarded woman who works with other handicapped persons at the Employment Training Center, a sheltered workshop operated by Southern Illinois University and the state Division of Vocational Rehabilitation.

Like her fellow workers, Mary receives a modest wage in addition to her support as a DVR client. Her job is one of the simplest at the Center; she's a general housekeeper.

Mary used to look forward to twice-monthly paydays. She would take her check, go to a bakery, and spend the whole wad on pastry. Then she'd go back to the Center and distribute all the goodies to the staff and workers. After that, of course, Mary would be flat broke until next payday, when she'd repeat the performance all over again.

Everybody thanked Mary for her largesse, but they told her she oughtn't to do it. She'd just smile and do it anyway.

Enter a team of "behavior modification" specialists from SIU. They told the staff to give Mary the cold shoulder next payday. Take the goodies but skip the thank-yous or any other acknowledgements. At first, she was bewildered. Then, after a couple more thankless experiences, she quit bringing gifts.

Immediately, the staff switched tactics. They praised Mary for her slightest achievement; they "interacted" with her on every occasion when her behavior suggested a promising opening. In a matter of days, relative to the years and years of inversion that had marked her search for fulfillment, Mary was a different person. Now she seeks and gets the real reward she's looked for--praise, affection, attention--without spending her money for it.

(MORE)

That's a simple example of a technique that is gaining more and more adherents in the areas of education, mental illness, counseling. Call it reinforcement therapy, contingency management, behavioral conditioning. It's a big thing, a departure from traditional psychiatric approaches to problem behaviors, and Southern Illinois is one of the experimental hotbeds for it.

It says that "desired" behavior in a person can be brought about and maintained by a system of reinforcements--praise backed up in many cases by tangible payoffs.

The laboratory of Nathan Azrin at Anna State Hospital has been pioneering in reinforcement techniques for years. Edward Sulzer heads up a behavior modification program in SIU's Rehabilitation Institute that is probing uses of the technique in everything from chronic alcoholism to severe emotional disturbances.

One of the more promising arenas for reinforcement training is the schoolroom. Two of Sulzer's associates, William Hopkins and Richard Sanders, put the method to work this year in a small Union County grade school. Some of the results were little short of dramatic.

Example: The teacher covering both the first and second grades had to spend a lot of time in a handwriting class. She'd write examples on the board, the class would then copy them. When a kid had finished his work, he'd take it to the teacher for grading, then would go back to his desk and wait for everybody else. The entire class went only as fast as the slowest member, a boy who needed 50 minutes to copy 160 letters.

Hopkins got some old folding doors, walled off a corner of the classroom, filled it with toys, books, and old typewriter, the school's TV set--"everything we could lay our hands on around the place"--and called it a playroom.

After that, the kids were told they could go to the playroom after they'd finished their papers; the rest of the period would be free time. If they got noisy, though, it was back to the desk.

(MORE)

AMERICAN MEDICAL ASSOCIATION

PUBLISHED WEEKLY

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Almost immediately, work rates zoomed 50 per cent. Then the playroom time limit was gradually dropped, and the students hustled even more. By the end of school, first graders had improved their work rate by 90 per cent and the second graders had more than doubled theirs. Errors diminished, too. The teacher made special efforts to laud the kids for error-free work.

When the class went back to the old sit-and-wait system for three weeks, the hustle went out of them. No incentive, no work.

Countless other examples at this school and others buttress the inescapable conclusion: people perform better, behave more "desirably" in the school or mental hospital when they are given incentives in the form of immediate reinforcement, when they know that the consequences of certain behavior will be a satisfying reward.

At Bowen Children's Center in Harrisburg they've used penny payoffs to get astonishing improvement in retarded kids' reading skills. Some experiments elsewhere pay off points for required performance levels; the kids can use points to "buy" leisure time amenities.

Hopkins has no doubt that it's the wave of the future in education, primary, secondary and higher. That little experiment in Union County, continued for two years, could, he thinks, "result in the best grade school in the state."

The first of the year was a very dry one, and the crops were much affected. The weather was very hot, and the crops were much affected. The weather was very hot, and the crops were much affected. The weather was very hot, and the crops were much affected.

The second of the year was a very dry one, and the crops were much affected.

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The thirteenth of the year was a very dry one, and the crops were much affected.

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8 - 12 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --The opportunity of teaching in a mixed classroom is the most important experience James Galloway will take back with him to predominantly Negro Winston-Salem (N.C.) State University.

"Many of our students will be facing the same thing one day and I feel I have gained insights that will enable me to help them," said Galloway, visiting professor at Southern Illinois University at Carbondale who has exchanged institutions for the summer with James B. Murphy of the SIU history department as part of a broad cultural exchange program between the two schools.

Galloway, who this summer is teaching a General Studies course in U. S. History and two advanced courses, "The Negro in America" and "History of the South," said students have told him he is the first black teacher they've ever had.

"I try to relate to them that I'm just a teacher--not a black teacher but just a teacher," he said. "I try to show I'm not exotic, not a freak, just a teacher trying to do the job."

The response of students has been good. "I'm quite heartened by this response," he said. "It gives evidence of their sincerity."

There's another way, too, that Galloway feels he can help his own school when he gets home.

"I feel we can profit by studying the experience of SIU, which already has gone through the period of emerging from being a small, provincial school into one of the nation's major universities," he said. "Our school has just started going through the same phases, and this year reached university status."

At SIU Galloway has been impressed by the way graduate students are employed to help the professors. He likes the teaching facilities, such as Lawson Hall, "a dream with all its visual aids," and Morris Library.

(MORE)

THE
LIBRARY OF THE
MUSEUM OF
ART AND HISTORY
NEW YORK

THE
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MUSEUM OF
ART AND HISTORY
NEW YORK

He said teaching assistants have relieved him of much routine. He would like to see advanced students at Winston-Salem State doing more to help professors so they can have time to concentrate on teaching and research.

He wants to encourage his school administration to think in terms of functional buildings as the campus grows, incorporating such concepts as are found in Lawson Hall.

He likes the cultural exchange program between his school and SIU.

"It's a bold and imaginative program," he said. "It supplies a need to a small, predominantly Negro school in North Carolina and to a larger school in a different cultural area.

"I have noticed," he said, "that our students, on returning from SIU, have broader concepts concerning themselves and the world."

The American Medical Association is a non-profit corporation organized for the purpose of promoting the science and art of medicine and the health of the people. It is composed of medical practitioners of all branches and schools of medicine, and of laymen who are interested in the health of the community. The Association is organized into a national body and into state and local branches. The national body is composed of the representatives of the state and local branches, and of the lay members who are elected by the state and local branches. The state and local branches are composed of the representatives of the medical practitioners and of the lay members who are elected by the medical practitioners. The Association is organized into a national body and into state and local branches. The national body is composed of the representatives of the state and local branches, and of the lay members who are elected by the state and local branches. The state and local branches are composed of the representatives of the medical practitioners and of the lay members who are elected by the medical practitioners.

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8 - 12 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --An opportunity to study the Vietnamese language, an innovation in the American college curriculum, will be available to students of Southern Illinois University at Carbondale this fall.

The course will be introduced in cooperation with the Center for Vietnamese Studies and Programs on the Carbondale Campus of SIU.

The basic language course, titled GSD 210, "Uncommon Languages" (Vietnamese), will concentrate on the acquisition of elementary conversational and reading skills and will be offered for residence credit.

A Vietnamese scholar, Nguyen-Dinh-Hoa, who is leaving his Washington, D. C., post as counselor of the Vietnam Embassy for cultural and educational affairs, will direct the course. Professor Hoa, who holds a Ph.D. degree from New York University, formerly was Dean of the Faculty of Letters of the University of Saigon.

Center Director John F. King said the course will be designed to meet the communication needs of a wide variety of persons interested in Vietnamese affairs. One of the several aspects of the Center's programs will include the training of veterans--both American and Vietnamese--for reconstruction work in Vietnam, and the language course will be part of such preparation. Advance registration is now in progress.

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8 - 13 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --An art department faculty exhibit Oct. 5-22 will open the Southern Illinois University Gallery 1969-70 season, Evert Johnson, gallery curator, has announced.

This faculty exhibit is one of five exhibits scheduled for the academic year.

Richard Harsh, a graduate student from Greenville (420 Wyatt St.), will have his thesis exhibit of paintings shown from Oct. 29-Nov. 4.

"Light, Motion, Reflected Light, Smooth and Fuzzy Sculpture" is the title of an exhibit Nov. 9-Dec. 13 on loan from the Esther-Robles Gallery in Los Angeles, Calif.

A one-day showing and sale of prints from the Ferdinand Rosten Company is set for Nov. 17 in the University Center.

Sculpture by Richard Hunt will be shown Jan. 11-Feb. 6, and an exhibit of American painting from 1900-1950 will be shown Feb. 19-March 10. This group of paintings will be on loan from the IBM Corporation collection.

All exhibits, excepting that in the University Center, may be seen in Mitchell Gallery in the Home Economics building on the SIU Carbondale Campus.

8 - 15 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. 15 --The Southern Illinois University board of trustees today (Aug. 15) approved in principle a conference-type affiliation of the Carbondale Campus with four other midwestern universities.

Purpose of the conference would be advancement of mutual programs in research, academics, public service and intercollegiate athletics.

Final approval awaits inspection of a proposed charter for the new organization. The group's roster was not announced, pending similar action by the governing boards of the other schools.

Carbondale Campus Chancellor Robert MacVicar said joint programs in research and academic work would be as beneficial to the five schools as sports affiliation.

"There are many advantages to SIU at Carbondale through affiliation with a group of comparable midwestern institutions," he stated.

"It is obvious that our athletic program, especially football, will benefit from a conference membership." (SIU has been an independent since withdrawing from the Interstate Intercollegiate Athletic Conference in 1962).

"Of even more importance, however, are the benefits to be derived from mutual-support programs in all other areas of institutional concern. I'm sure the academic program at Carbondale will benefit from a student exchange system such as that practiced in the Big Ten Conference.

"In contract research and service it is increasingly evident that strength can be enhanced materially by combining the resources of several institutions."

8 - 15 - 69
From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. 15 --Staff and faculty appointments for both the Carbondale and Edwardsville Campuses were approved by the Southern Illinois University board of trustees, meeting here Friday (Aug. 15). Most of the new appointments are effective Sept. 24, start of the fall term.

Miss Joann Chenault, a native of Poplar Bluff, Mo., was named professor in the Education Division, Edwardsville. She received the doctor of education degree from the University of Kentucky and has served at the University of Pittsburgh and the University of Massachusetts.

Nicholas A. Masters, a native of Carbondale, was named professor in the Social Sciences Division, Edwardsville. Co-author of three books, he has served at Pennsylvania State University. He took his doctor of philosophy work at the University of Wisconsin.

Peter Oliva was appointed professor and chairman of secondary education in the College of Education at the Carbondale Campus. He received his doctor of education degree from Columbia University and has taught at the University of Florida and at Indiana State University.

Arch W. Troelstrup was named visiting professor in family economics and management, for the fall, winter and spring quarters. He has served on the faculty of Stephens College.

Arthur Witman was appointed visiting professor of journalism for the fall quarter. He has been employed by the St. Louis Post Dispatch.

Reassignments of staff and faculty included Richard C. (Itchy) Jones, assistant baseball coach, to become head baseball coach; James M. Brown, professor in Humanities at Edwardsville, to serve as executive dean for academic affairs; Harves C. Rahe, Carbondale, to serve as chairman of secretarial and business education; and Carleton Rasche to be director of Auxiliary and Service Enterprises.

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8 - 15 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
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Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --A Cutler firm has been awarded a contract to erect a temporary classroom building complex for lease to Southern Illinois University at Carbondale.

Two Armco pre-fabricated steel structures will be set up on the east campus to replace classroom and office space lost in the June 8 fire that destroyed Old Main building at SIU.

The \$339,736 contract awarded to R. H. and S. Steel Suppliers of Cutler covers a three year lease, with the complex to be erected, supplied with utilities, and ready for occupancy. The contract was awarded Friday (Aug. 15) by the SIU board of trustees.

The two buildings will include 20 classrooms in one wing and an estimated 50 office stations in another. Office desks will be used in rotation, however, so that more than 150 teachers--most of them English department teaching assistants--may be working in the temporary facility.

It will be situated at the corner of Washington Ave. and Pearl Street, east of the main campus. John Lonergan, associate University architect, said concrete foundation pads will be retained for use as recreational facilities after the steel buildings have served their use.

That is expected after three years, when a Humanities-Social Sciences Building is scheduled for completion.

In other business the board awarded a \$90,533 contract to Bituminous Fuel and Oil Co. of Collinsville for new walks, steps and surfacing of the General Office Service Building parking lot at the Edwardsville Campus.

8 - 15 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --Southern Illinois University will ask the State Board of Higher Education for permission to inaugurate curriculums leading to a specialist's certificate in school psychology and to a master of arts degree in linguistics.

Approval by the SIU board of trustees of recommendations submitted by the SIU Graduate Council and the dean of the Graduate School paved the way for action by the state board.

Work leading to the specialists' certificate would be offered jointly by the department of guidance and educational psychology in the College of Education and the department of psychology in the College of Liberal Arts and Sciences, effective immediately.

It was pointed out that only about one-fifth of the personnel needed for psychological services for handicapped children is available in Southern Illinois, and the proposed program is designed to give necessary training to meet this need to persons already trained to the master's level in psychology or related fields.

The proposed master's program in linguistics would be offered by the department of English as an extension of the existing Master of Arts in English as a foreign language program. The program would be devoted to the scientific study of language and the analysis of language characteristics.

The faculty already established in the English department, supplemented by linguists in the departments of anthropology, foreign languages, and speech, are prepared to offer this curriculum, it was pointed out to the board.

The trustees also approved a recommendation that the name of the unit, "Public Administration and Metropolitan Affairs," be changed to "Regional and Urban Development Studies and Services." This unit has been an integral part of the service and research studies program of Area Services.

8 - 15 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
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Phone: (618) 453-2276

CARBONDALE, ILL., Aug. James Ubel, director of the Shawnee Library System, Carterville, will serve as director for the Public Librarian Workshop at Southern Illinois University Aug. 18-22, according to Harold Engelking, coordinator of technical and adult education at the University.

Engelking said more than 35 librarians from many Southern Illinois cities are expected to attend the workshop, which is an annual event on the SIU campus.

"Topics which will be covered this year include library law, library trustee responsibilities and relationships, library policies, personnel administration, library finance, public relations and inter-library cooperation," he said.

Engelking said the workshop is sponsored by the University's Technical and Adult Education Division in cooperation with the Illinois State Library Association.

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8 - 19 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --It's off to Luxembourg Friday (Aug. 22) for 38 Southern Illinois University students who've signed up for a fall semester of school in a picturebook castle.

The trip is the first under a contract between SIU and the Vita International Association, an agency that organizes foreign study packages for U. S. schools.

The SIU end is being sponsored by Intercul, the University's program of undergraduate studies in foreign cultures.

Headquarters for the group will be Ansembourg Castle outside the city of Luxembourg, not far from the border of Belgium. Accompanying the students will be SIU Theater Department Chairman Archibald McLeod and his wife, who will be teaching theater courses there.

Students and faculty members from six other U. S. schools will fill out the fall semester contingent at the castle.

They are Avila (Kan.) College, College of St. Benedict (Minn.), Marycrest (Ia.) College, Mercy (Mich.) College, Mt. Mercy (Ia.) College, and St. Leo (Fla.) College.

A full range of courses in the humanities and arts will be offered, according to Mrs. Sue Fanizzo, secretary for the Intercul program at SIU.

SIU operates on a quarter system, so the returning students' credits will be translated into quarter hours, she said.

The group is scheduled to fly from Chicago's O'Hare Field at 4 p.m. Friday. A team of SIU officials and Vita representatives will brief them at the airport beforehand on procedures and accommodations.

The all-expense study package cost each student \$1,100.

8 - 19 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --Starting this fall, all undergraduate women at

Southern Illinois University can set their own dormitory hours if they are in good standing and--if under 21--have their parent's consent.

The amended policy approved Friday (Aug. 15) by the SIU board of trustees has the effect of adding freshmen and sophomore women to self-determination status.

Women's hours will remain the same, however, for those who don't qualify for self-determination. Those are 11:30 p.m. on Weekdays, 2 a.m. on Saturdays, and midnight on Sundays. The board voted to maintain the present schedule for the 1969-70 academic year.

Hours apply to all campus residence halls and all off-campus housing approved for SIU undergraduates.

Previously, self-determination was permitted to juniors and seniors 21 or over, or juniors and seniors under 21 with parental consent. Second term sophomores could qualify with a 3.25 grade average.

The new rules open self-determination to all women, with the exception that those under 21 must have consent.

The changes followed a year's study of women's hours by a faculty-student committee. One of the results showed that women who determined their own hours had grade averages slightly higher than those who didn't.

8 - 19 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 33-69 (About people, places and events in Southern Illinois, by Pete Brown
of the Southern Illinois University News Services)

Miscellany.....

They've got bass and they've got ducklings,

They've got foxes by the score;

They've got geese and hawks and other birds

That honk and hoot and soar;

They've got turtledoves and beavers; they've got deer of Disney's ilk...

What don't they have? They don't have elk!

Okay, okay, so it isn't any big Rogers and Hammerstein deal. What in thunder
rhymes with elk? Lawrence Welk?

Anyway, that's the rough picture at Crab Orchard Refuge, and the lack of
western elk in the various herdings out there has not escaped the notice of area
tourism promoters. They have been trying for the last few years to get the Fish
and Wildlife people to stock some elk on the refuge. Not only that, they'd like to
see some buffalo, too.

The first go-round resulted in a rather flat "no" from the Bureau of Sports
Fisheries and Wildlife in Washington.

The reason isn't altogether species management; it concerns mostly the
economics of the things. The buffalo would certainly have to be fenced in, at no
small cost.

That has not daunted the elk-bison partisans, however, and now they've enlisted
the support of Rep. Kenneth Gray. He has asked John Gottschalk, Bureau director, to
reconsider the earlier edict and to install herds of elk and buffalo on the Refuge.
That's where it stands right now.

THE
JOURNAL OF THE
ROYAL ANTHROPOLOGICAL INSTITUTE

THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, LONDON, 1901.

1901

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Public Health note:

A major midwestern railroad has been using an area north of Herrin as a dumping ground for trash and garbage collected from its operations in Cook County and other division locations.

The Illinois Department of Public Health last September awarded the line a temporary permit for a landfill, with the requirement that in a year's time it would develop a new site meeting all state rules for such an operation.

This month, the Department ordered the railroad to shut down the landfill because it hadn't fulfilled minimum standards under the temporary arrangements.

Regional engineer Tony Favreau said these rules required a six-inch dirt cover on the trash at the end of each day and a final covering of two feet when the fill reached grade.

He said trash wasn't being disposed of daily; that it sometimes stayed in cars for days after being hauled down. Fly-breeding was just one of the consequent problems.

So what did the company do?

"They're closing it down," said Favreau. "I understand that they will find another site in another state where the laws are not as stiff as ours."

- 0 -

John Allen, everybody's definition of Southern Illinois Historian pre-eminent, lies abed in the Marion Veteran's Administration Hospital. A long-cherished trip to Europe, to revisit the scenes of his experiences as a World War I Marine, apparently was a bit more taxing than he would admit.

John suffered a heart attack shortly after he returned earlier in the summer. But he bounced back and began transcribing notes for another book he's had in the works. He faded again, though, and was ordered to go to the VA hospital for a thorough convalescence.

He was listed as "critical" for a day, but rallied well. John, now 81, isn't a model patient; he's been active all his life and can't see why, he should be confined to a mattress. He'd no doubt appreciate a card from his fans.

1870 1 1

I have the honor to acknowledge the receipt of your letter of the 1st inst.

and in reply to inform you that the same has been forwarded to the proper authorities.

I am, Sir, very respectfully, your obedient servant.

Yours faithfully,

Wm. L. G. [Signature]

Enclosed for you are the documents referred to in my letter of the 1st inst.

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8 - 19 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

SIU COUNTRY COLUMN
By Albert Meyer

Inflationary tendencies in the nation's economy still are heating up in spite of some steps to slow them down, because the economic adjustments necessary to curb inflation are painful, says Walter Wills, Southern Illinois University agricultural economist. He discussed monetary policy issues of the nation at a recent weekly editor's conference.

The 1946 Employment Act aimed at full employment and stable prices and more recent increases in interest rates by the Federal Reserve Banks and the imposing of the surtax all were designed to slow down inflation by reducing the amount of money available for buying goods and services. So far these efforts have failed to stop price increases. Wills says indications of inflation are sluggish in being identified and so the problem often becomes acute before decisions for control can be made and become effective.

High employment leads to shortages of the country's personnel resources, higher incomes, and greater demands for goods and services. The more the country's resources are used nearer to capacity, the greater are the pressures for prices to increase faster than productivity. This is inflation.

The impact of the nation's fiscal and monetary policies must be analyzed in the light of the weakened balance of payments situation aggravated by foreign trade and reduced gold reserves problems, military involvements in foreign nations, and various kinds of aid programs to developing countries.

The growing tendencies toward deficit financing and incurring debts has inflationary implications and indicate new generations expect more inflation.

Expectations of building equity by incurring maximum debts to buy physical goods with "dear dollars" and repaying the debt with inflated dollars later is an important force toward increasing inflation. Increasing interest rates or taxes is supposed to reduce the money demand, but so long as there is a relatively large supply of money in relation to available goods, the inflationary pressure is likely to continue. Some other remedy must be found. Such a remedy will be painful if it is to be effective and, therefore, such means of controlling inflation are unpopular.

THE UNIVERSITY OF CHICAGO

The University of Chicago is a leading center of research and learning in the United States. It is a place where the most brilliant minds come to study and work together to advance the frontiers of knowledge in all fields of inquiry.

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8 - 20 - 69

From University News Services

SOUTHERN ILLINOIS UNIVERSITY

Carbondale, Illinois 62901

Phone: (618) 453-2276

DUQUOIN, ILL., Aug. --Southern Illinois University's exhibit at the DuQuoin State Fair this year will feature continuous projection of panoramic color pictures that portray both the University and special scenes in Southern Illinois.

A memorial sequence of pictures of Old Main, from the early days to the fire which destroyed the 82-year-old campus landmark in June this year, also will be shown.

The exhibit, designed and executed by Herbert Meyer and Charles Daugherty of University Exhibits, will be presented free of charge in SIU's permanent geodesic dome near the center of the fairgrounds from 10 a.m. to 10 p.m. daily, August 23 through September 1.

Eighty sets of color transparencies will be projected onto a large five-section screen measuring 30 feet wide and four feet high. The sequence will be repeated about every 12 minutes. The picture sets will include five-section panoramas photographed with special camera techniques.

Information about the University, including details on registration for the 1969-70 academic year, will be available in the exhibit dome. Two SIU staff members will be hosts each day.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --A class of 1,600 candidates will be awarded degrees at Southern Illinois University's annual late-summer commencement ceremony Saturday (Aug. 30) on the Carbondale Campus.

The event, second graduation exercise of the year, will be at 7:30 p.m. in the air-conditioned SIU Arena. It will be televised over WSIU-TV (Ch. 8), Carbondale, and WUSI-TV (Ch. 16), Olney, the University's stations.

Included in the ceremonies will be traditional remarks to the graduates by President Delyte W. Morris, and the award of an honorary Doctor of Science degree to Thomas Kirk Cureton, retiring specialist in physical fitness research studies at the University of Illinois.

(EDITORS: Candidates are listed by county and home town. Last minute additions and deletions are possible.)

The following names were added after the list went to press:

CHAMPAIGN: Nancy DuBois Green, 207 Country Fair Dr., B.S.
CHICAGO: Dominic DiStasio, 11731 S. Yale, B.S.
ELDORADO: Charles Baird, Rt. 1, B.S.
GODFREY: Margaret Butt, 1904 Arrowhead, B.S.
MT. VERNON: Albert Rainey, 704 S. 25th, B. Mus.; Charles Smith, 34 S.W. Crescent, B.S.
OAK PARK: Ellsworth George, 56 Superior, M.S.
O'FALLON: Ramah Munier, 103 Anne, B.A.
SPRINGERTON: Mary Fyie, Rt. 1, B.A.
SPRINGFIELD: Judith Dawson, 1153 N. Seventh, B.A.

The following names were deleted after the list went to press:

ANNA: William J. Halter, 506 S. Green; Donald G. Haworth, Box 495
ARLINGTON HEIGHTS: Scott Crossley Hipple, 417 South Dryden
BELLEVILLE: William Frederick Graebe, Jr., 29 Lakeview Drive
CARTERVILLE: William Howard Cohen, Route 2; Keith Stuart MacLennan, 510 California
CENTRALIA: Cecile Robinson Arason, 224 North Sycamore
CHAMPAIGN: Frank Norman Abercrombie, 115 West Hill

(MORE)

Deletions cont.

CHICAGO: James Richard Gavelek, 3834 North St. Louis; Lydia Lebovic Weiss,
2719 West Rascher
ELDORADO: Charles Michael Vessell, Route 3
EVANSTON: Edward Lewis Kappelman, 2019 Pratt Court
HERRIN: Thomas John Stewart, 360 Park Lane
JOY: Thomas Allen Spreitler, Box 6
KANKAKEE: Richard Duane Snyder, 666 South Wildwood
LAGRANGE PARK: Dean H. Carlson, 940 Beach Avenue
MONTICELLO: Larry Valgene Gibbons, 30 Foothill Road
MT. VERNON: Myron E. Kowmacki, 2801 Jamison Blvd.
PARK RIDGE: John Francis Lukes, 1200 North Hoffman
PEORIA HEIGHTS: Nancy Jean Nichols, 608 East Sciota
PINCKNEYVILLE: Terry L. Eason, 911 Murphy Road
SKOKIE: Steven Oserman, 8452 North Avers
TRENTON: Martha Ann Harpstrite, Route 1
VERONA: James H. Kraft, Route 1
VILLA GROVE: Terry Michael Lowry, 301 East Walnut
WILLOW HILL: Ted J. Poehler, Route 1
WOODSTOCK: John Edward Bomberger

8 - 22 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --A man credited with making the subject of physical fitness a serious scientific and educational study will be awarded an honorary degree by Southern Illinois University at Carbondale, Aug. 30.

Thomas Kirk Cureton, fitness consultant to presidential councils, the Armed Services, and the National Aeronautics and Space Administration, will receive the honorary Doctor of Science degree at SIU's summer commencement exercises, scheduled for 7:30 p.m. in the SIU Arena.

The award to Cureton will come the day before he officially retires at the University of Illinois, where he has headed the Physical Fitness Research Laboratory since 1944.

In 1941, Cureton wrote "Physical Fitness," first such scientific publication in the U. S. He followed with a series of major research studies in human biology and the physiology of exercise and human performance which led to full or partial authorship of 40 books and 400 articles.

He has been vice president of the Physical Fitness Corp. of America and the Positive Health Institute and was a Founding Fellow of the American College of Sports Medicine. He has been a fitness consultant to the Army, Navy and Air Force, as well as to the Youth Fitness Councils of Presidents Eisenhower and Kennedy.

Cureton was a lecturer-demonstrator for President Johnson's Council on Physical Fitness and was cited by the President as one of the three top physical fitness leaders in the U. S.

Cureton, 68, is a native of Fernandina, Fla. He received degrees from Yale and Columbia Universities, and taught at Springfield (Mass.) College for 15 years before going to the U. of I.

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8 - 22 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --Community playgrounds on wheels, an idea developed, tested and successfully practiced at Southern Illinois University, apparently is going over big with big business.

SIU Recreation Department Chairman William Ridinger says the nation's largest playground equipment manufacturer has purchased a million dollar mobile home factory to start rolling out "instant recreation" units.

They will closely resemble the "Cavalcade of Fun" wagons that the SIU department's students have been hauling over downstate highways and byways for the past five years, setting up quickie parks and playgrounds in towns and neighborhoods where no permanent facilities are to be had.

The Michigan equipment firm, Ridinger said, has a working arrangement with the SIU department, footing expense bills for recreation students to consult with its engineers on mobile unit designs and programming ideas. In return, the students get plant experience in the business side of recreation.

In mid-September, the SIU "mobile recreation" team will get star billing at the National Recreation and Park Association annual Congress in Chicago. John Murphy and Michael Luckenbach, team directors, have been invited to bring the Cavalcade and a squad of students for lecture-demonstrations on the whole instant recreation concept.

It stemmed from Ridinger's conviction that his profession had to meet three roller-coaster size problems:

--Recreation programs for little towns that couldn't afford big outlays for expensive park hardware, and for urban and ghetto areas where open land is vanishing;

--Recreation ideas that would necessarily involve community participation, thus re-kindling "community pride";

--And some kind of practical course for students that would balance classroom theory with working experience.

(MORE)

-2- Recreation Wagons

The answer was packaged recreation units on wheels that could roll into a town block or vacant lot and transform it into a social center in a matter of minutes.

The first unit was a Show Wagon with its own fold-out stage and mini-dressing room that could be used by entertainment groups. Then a Puppet-Marionette Wagon, followed by a Teen Dance unit, then a Crafts Wagon complete with its own tools and materials.

The Cavalcade grew, with substantial support from the Sears Roebuck Foundation and soft drink companies, and now the department has branched out into what Ridinger calls "Porta-Mobile" recreation.

A combination of the self-contained units and larger rolling stock with big pieces of play equipment that can be carried along and site-assembled, it has enabled the SIU crew to set up "Play Street" environments.

It debuted in Carbondale this summer, then hit the road for a two-day stand in Cairo, playing five neighborhoods in two days. Big units in the beefed up Cavalcade now are a donated \$5,000 truck van used for sound projection and dressing quarters, and a large playwagon that combines everything from basketball goals to a sliding board on a single frame.

Improvisation is one of the program's credos, and its effectiveness is no more vividly displayed than in a simple piece of perforated pipe attached to a fire hose. The perpendicular "fire spray" was so popular with kids at Cairo that the fire department there announced it would make two of them to haul about the city for "instant recreation."

What's next for the "Cavalcade of Fun?"

Murphy wants to perfect a portable "Tot Lot" for infants, a swimming pool on wheels, and a "Space Mobile" complete with telescope for exhibition and educational purposes.

Ridinger believes that mobile and "porta-mobile" units are the answer for towns and cities starved for park space and spread thin on recreation programs that combine fun with "play-learning environments."

"We're certain we've proved what can be done with a little ingenuity and cooperation," he says. "You can take recreation to the people, all of them."

8 - 25 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --Associate Dean William E. Nagel of the Southern Illinois University Division of Technical and Adult Education will assume new duties as executive director of the Governor's Advisory Council for Vocational Education in Springfield on September 1.

The 28-member council, headed by Dean Rupert Evans of the University of Illinois College of Education, is made up of representatives of business, industry and education from throughout the state. Though members are appointed by the governor, the council was set up and funded under amendments to the Federal Vocational Education Act passed by Congress in 1968.

Nagel, who joined the SIU faculty in 1961 as an associate professor at the Vocational-Technical Institute, has been in charge of federally-financed training programs conducted by the University under the Manpower Development and Training Act. The training is conducted in East St. Louis and at a Manpower Training Center in the Ordill area of the Crab Orchard National Wildlife Refuge near Marion.

Nagel has been in charge of retraining programs for more than 4,500 persons conducted by SIU since 1962 under MDTA and the Area Redevelopment Act.

In his new post he will be executive officer of a council charged with developing long-range vocational education plans for the state and evaluating existing programs and activities in the state for the National Council for Vocational Education.

A native of Champaign, Ill., Nagel received his bachelor's degree in industrial education from the University of Illinois, master's from the University of Wichita, and is currently working on his doctorate at SIU. Before joining the SIU faculty he taught high school at Centralia and Washington, Ill., and Jennings, Mo.; was department head for engineering shops and industrial education at the University of Wichita; and was chief of engineering cost control and personnel for Beech Aircraft Corp., Wichita.

8 - 29 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

MARION, ILL., Aug. --John W. Allen, historian and folklorist of Southern Illinois, died Friday (Aug. 29) morning at the Veteran's Administration Hospital in Marion. He was 81.

He had entered the hospital July 29, following a heart attack sustained on his return from a summer trip to Europe. Time of death was given as 9:05 a.m. Friday.

Allen, author of two books on the legends and historical lore of the southern third of the state, packed a multitude of experiences into his 81 years.

Born in a Hamilton county log cabin near Broughton, he attended and later taught at Hardscrabble rural school. He attended Southern Illinois University at various times from 1908 to 1922.

With the outbreak of World War I he enlisted in the Marines and saw action in France, remaining as a member of the occupation forces.

Allen stayed in Europe long enough to visit Paris extensively and obtain an assignment to attend London University for a semester during which time he attended Lady Astor's reception for royalty and American soldiers, listened to Rudyard Kipling read poetry, and hear Prime Minister Lloyd George speak in the House of Commons.

Later he toured England, tramped around Ireland where he kissed the Blarney Stone, and walked across Scotland. In basic training he had been a friend of a fellow Marine, one-time heavyweight champion Gene Tunney. (Allen was later to become an amateur boxer and boxing trainer himself.)

Years between world wars found John Allen as superintendent of city schools at Eldorado, construction superintendent for an Eldorado contractor, and acting director of the natural history Museum at SIU.

He first joined the University faculty in 1942 as curator of a museum of handicrafts and pioneer implements. He retired in 1956, with the title "emeritus."

(MORE)

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Main body of handwritten text, consisting of several paragraphs. The text is extremely faded and illegible.

Allen became most familiar to the public through his weekly newspaper column, "It Happened In Southern Illinois," which he wrote from 1952 until 1967 under a contract assignment at SIU. He completed two books, "Legends and Lore of Southern Illinois," published in 1963 and now in its third printing, and "It Happened in Southern Illinois," published in 1968.

At the time of his death, Allen was working on his autobiography.

John Allen never attended high school. He became a teacher following his graduation from eighth grade. He furthered his teaching career through courses at SIU and the semester at London University.

John Allen's accomplishments were widely recognized. He was president of the Illinois Historical Society, the Illinois Folklore Society and the Southern Illinois Handicraft Society. SIU conferred its Distinguished Service Award in 1964; the Southern Illinois Editorial Association named him Headliner of 1966; and McKendree College at Lebanon conferred its honorary doctor of laws degree upon him in 1964.

Allen's trip to Europe this summer was one he had long planned. Accompanied by his son, Robert, an executive in the Library of Congress, he revisited the scenes of his World War I adventures, making tape recorded notes for his autobiography.

He was stricken within hours after his return in June. He was first hospitalized in Carbondale, and later, after an unsatisfactory convalescence, was admitted to the VA Hospital.

Survivors include his widow, the former Johanna Ruppel of Boskydell; a daughter, Mrs. Betty Miller of Carbondale; son Robert, of Washington, D. C.; two sisters, Mrs. Flora Tulip and Mrs. Grace Barker, both of Eldorado; two grandchildren and one great-grandchild.

Funeral services will be at 2 p.m. Monday (Sept. 1) at the Van Natta Funeral Home in Carbondale, the Rev. Eric Hill of Carbondale's First Baptist Church officiating. Burial will be at the Douglas Cemetery north of Eldorado.

The body will lie in state from 5 p.m. Sunday until the services.

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From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Sept. --All new students planning to enter Southern Illinois University at Carbondale this fall must complete registration on Friday and Saturday, Sept. 19-20, or else wait until Sept. 26--missing three days of classes and paying a late fee.

To facilitate the process, on-campus residence halls will be opened to unregistered new students on Sept. 19. Friday registration will be limited to new freshmen only, while Saturday (Sept. 20) registration also will be open to unregistered transfer students. The registrar's offices will be open for business all day Saturday.

The revised central registration system is designed to free the New Student Week orientation schedule of interruptions. In the past, new students could register throughout the week.

New student activities begin Sunday (Sept. 21). Wednesday (Sept. 24) will be the first full day of classes. Advisement and registration Monday and Tuesday (Sept. 22-23) will be restricted to re-entering and continuing students from the spring or summer quarters.

Business Wednesday and Thursday (Sept. 24-25) will be limited to program changes and the final late registration session Friday (Sept. 26) will end at noon.

-pb-

8 - 29 - 69

From University News Services

SOUTHERN ILLINOIS UNIVERSITY

Carbondale, Illinois 62901

Phone: (618) 453-2276

CARBONDALE, ILL., Sept. --Even as small businesses go nowadays, the life of Deco-Plaque, Inc. was a very short one.

It was organized this summer by 13 Southern Illinois University students and it was dissolved in less than two months. But the books showed a handsome return for stockholders, a complete sellout of its single production run, and a roster of thoroughly satisfied ex-employees.

Deco-Plaque was the takeoff model for an entirely new kind of teacher training approach in the field of industrial education.

The company's offices, production line, and marketing headquarters were actually the shops and classrooms of the SIU department of industrial education.

The whole effort--called "Enterprise"--was a true-to-life exercise in business management and output, what the department's chairman, Ronald Stadt, likes to call "the real world of work."

The first such "Enterprise" class under Stadt's new program consisted of senior and graduate level students who teach, or plan to teach, "shop" in junior high school. If Stadt has his way, the nickname will soon be extinct.

They dreamed up a business and a product, researched its market potential, organized and capitalized a company, designed and manufactured the product, then sold it on the open market.

They operated with a president, a board of directors, lesser executives, market analysts, production line workers, salesmen, even stockboys--all themselves.

Since most of them bought stock in their own company they were more than casually interested in the firm's success. They showed that from the start when they overruled their own instructor on a suggestion for the "Enterprise" project.

He wanted them to specialize in small motor repair work. They nixed that after a weak report from their market analysts.

(MORE)

-2- Enterprise

Instead, they produced basswood and poplar plaques bearing a symbolically charred photograph of SIU's Old Main building, an historic landmark destroyed by fire early in June.

Deco-Plaque, Inc. turned out 400 of the plaques and sold the entire run to the Women's Auxiliary of Doctor's Memorial Hospital in Carbondale.

The Auxiliary in turn is selling them at retail in the hospital's gift shop. Sales, reportedly, are brisk.

Capitalized at \$144 (\$1 per share of non-legal stocks), Deco-Plaque grossed approximately \$650. Individual stockholders realized profits ranging from \$11.20 to \$45.

The company got nothing from its host; equipment was leased from SIU and material was purchased.

This fall another "Enterprise" class will be formed with a different cast of workers and a different product. They may come in a winner, like Deco-Plaque, or they may flop.

The idea? It's part of a sharply different concept of industrial education than the one familiar to generations of junior and senior high school youth, to whom such classes have been little different from the "manual training" shops of the lower grades.

The concept has been refined by Stadt, who preaches it vigorously and hopes SIU's graduates will pioneer it when they go out to teach.

"Traditional 'shop' courses and the like," says Stadt, "give youngsters almost no preparation for the real thing, the realities of productive society.

"The approach we're fostering (the entire program is called "Enterprise: Man and Technology") will, through actual experience, give students a much better idea of what to expect in the world of work. It will encourage them to 'plug in' to productive society.

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-3- Enterprise

"We aren't interested in taking future teachers and showing them how to make book-ends or door-knockers or how to read blueprints, although that is a part of it. We're concerned with revealing man's role in technology, showing the ways in which technology is applied in modern society.

"This one or similar programs are absolutely necessary to making education more relevant to today's world."

Except for the "president," Deco-Plaque personnel swapped roles throughout the summer class so as to get an understanding of how each position affected the enterprise as a whole.

At the course windup, the students had to develop another "Enterprise" idea suitable for a junior high class. They ranged from "Helldiver, Inc.," a firm that would produce fly-spoon fish lures, to "Branch Wood, Inc.," a candlestick holder outfit.

Stadt says there's a simple, fundamental difference between his "Enterprise: Man and Technology" curriculum and the more common, traditional approach to occupational education.

"One focuses on the world of play, the other on the world of work."

8 - 26 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

SIU COUNTRY COLUMN

By Albert Meyer

Southern Illinois grain farmers will want to get their seed wheat supplies arranged soon because planting time is only about six weeks away, according to Roy Browning, superintendent of the Agronomy Research Unit operated at Carbondale by Southern Illinois University and the University of Illinois. Acquiring seed supplies early may be especially important for farmers who want to try some of the newer recommended varieties for which seed is scarce.

The 1969 recommended list of wheat varieties for the southern one-third of the state includes Arthur, Riley 67, Knox 62, Benhur, and Monon. All are soft winter wheat varieties, the only type recommended for production in Southern Illinois. Some farmers successfully grow hard winter wheat in the area, but crops specialists say that the higher yields obtained from the soft varieties more than overcome any price premium the growers may get for the hard wheat.

The recommended varieties all have some resistance to Hessian fly damage, giving farmers some latitude in planting dates. However, specialists suggest that farmers ought to wait until the "fly free" date for the area to avoid the chance of damage from some strains of the fly larvae to which not all the wheat varieties are resistant. In Southern Illinois the fly free date usually is October 9 or 10.

Arthur, a newcomer among released varieties, has been one of the top yielders in variety tests in Southern Illinois. Farmers may be able to get some seed this year but the amount available will be rather small. This is an early maturing variety which will make it attractive to farmers who want to plant part of their wheat land to soybeans after harvest.

(MORE)

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The following is a list of the names of the persons who have been elected to the office of the President of the United States since the year 1789.

Presidents of the United States

1789-1797 George Washington

1797-1801 John Adams

1801-1809 Thomas Jefferson

1809-1817 James Madison

1817-1825 James Monroe

1825-1837 Andrew Jackson

1837-1845 Martin Van Buren

1845-1849 Zachary Taylor

1849-1853 Millard Fillmore

1853-1857 Fremont

1857-1861 Abraham Lincoln

1861-1865 Andrew Johnson

1865-1869 Ulysses S. Grant

1869-1877 Rutherford B. Hayes

1877-1881 James A. Garfield

1881-1885 Chester A. Arthur

1885-1893 Grover Cleveland

1893-1897 Benjamin Harrison

1897-1901 William McKinley

1901-1909 Theodore Roosevelt

1909-1913 Woodrow Wilson

1913-1921 Woodrow Wilson

1921-1923 Warren G. Harding

1923-1929 Calvin Coolidge

Also ranking with Arthur in high yields is Riley 67, a soft wheat developed in Kansas. It ranks about equally with Arthur and Monon in Hessian fly resistance but these three do not have quite the resistance of Knox 62 and Benhur. Both the latter have yielded about the same at rates considered good for Southern Illinois. All three are rather early maturing short strawed varieties with good standability. They have been developed and released by Purdue University plant scientists. Benhur is the most recently released and highly regarded for the area.

Monon, quite popular with area wheat producers for several years, now is beginning to take a back seat in yields to the others listed above. At that, it was a substantial improvement over some of the earlier popular varieties grown in Southern Illinois.

Coming on the scene as a new release is Blueboy, a North Carolina development, which is giving phenomenal yields in Southern Illinois and Missouri variety tests. Farmers who are able to obtain a little seed may want to test it on their farms. Reports from Jackson County tests by a few farmers showed yields ranging from 52 to 84 bushels per acre. Other reports indicate yields running from 10 to 15 bushels an acre more than for the nearest competitor on the recommended list. Blueboy matures a few days later than the other varieties and seems to be resistant to lodging. Its winter hardiness and disease resistance need further observation before it is fully recommended for the area. Apparently it has low resistance to Hessian fly damage, but it tillers heavily, accounting for high population and yield and the possibility of lower seeding rates than some of the other common varieties.

The first part of the paper discusses the importance of maintaining accurate records of all transactions. It is essential for the business to have a clear and concise record of all income and expenses. This will allow the business to track its financial performance over time and identify areas for improvement. The second part of the paper discusses the importance of maintaining accurate records of all assets and liabilities. This will allow the business to track its net worth over time and identify areas for improvement. The third part of the paper discusses the importance of maintaining accurate records of all taxes paid. This will allow the business to track its tax liability over time and identify areas for improvement.

The fourth part of the paper discusses the importance of maintaining accurate records of all contracts and agreements. This will allow the business to track its legal obligations over time and identify areas for improvement. The fifth part of the paper discusses the importance of maintaining accurate records of all personnel records. This will allow the business to track its human resources over time and identify areas for improvement. The sixth part of the paper discusses the importance of maintaining accurate records of all inventory. This will allow the business to track its stock levels over time and identify areas for improvement. The seventh part of the paper discusses the importance of maintaining accurate records of all customer data. This will allow the business to track its customer base over time and identify areas for improvement. The eighth part of the paper discusses the importance of maintaining accurate records of all supplier data. This will allow the business to track its supply chain over time and identify areas for improvement.

8 - 26 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

CARBONDALE, ILL., Aug. --Southern Illinois University at Carbondale will present its Distinguished Service Award to Rep. Kenneth J. Gray of West Frankfort, Saturday (Aug. 30) at summer commencement exercises here.

Gray, U. S. Congressman from Illinois' 21st District since 1954, will be the 18th person to receive the Award for "outstanding or unusual service to the University, the region, or the state." It was initiated in 1953.

The presentation will be made during ceremonies scheduled to begin at 7:30 p.m. in the SIU Arena.

The award will cite Gray's "contributions towards the economic and social growth of the area; his important influence nationally as a member of the Public Works Committee and...the House Administration Committee...his direction of the development of a National Tourist Center in Washington, D. C.; his support and assistance in the growth of Southern Illinois University; and the distinction he has brought to his community, West Frankfort, and to all of Southern Illinois during his service in Congress...."

The award was approved last year, but presentation was deferred because Gray was unable to attend commencement exercises at that time.

-pb-

8 - 26 - 69

From University News Services
SOUTHERN ILLINOIS UNIVERSITY
Carbondale, Illinois 62901
Phone: (618) 453-2276

IT'S HAPPENING IN SOUTHERN ILLINOIS

No. 34-69 (About people, places and events in Southern Illinois, by Pete Brown of the Southern Illinois University News Services)

When 40-year-old Menard Penitentiary inmate Clinton Thompson came up for parole last March, he asked the board to pass him by for the time being.

Why would a guy the last lap of a 10 year sentence decline the chance to get out?

Because he didn't want to interrupt his college education in the middle of the term. Thompson sweated it out until his July discharge so he could launch a fulltime college career on the outside with the fall term, his transcript intact.

He is just one of hundreds of Menard prisoners who have, since 1956, cracked books instead of rocks in one of the most enlightened university extension programs anywhere.

Southern Illinois University's longstanding pledge to "take the University to the people" attained its longest reach when SIU sent faculty members behind the walls of Menard.

They'd been there before that, teaching vocational education and art courses, cooking classes, and such, but not for college credit. Then in '56 SIU sent veteran newsman and editor Charles Clayton of its journalism department into the prison to do a couple of courses worth degree points.

From that beginning developed a full-range of extension classes that now enroll upwards of 90 inmates at any time in the school year.

Thirty of them are in a select group called the "College Gang," brainstorm of Thomas Cassidy, an SIU English instructor who has been a major force in the program.

Most Menard collegians have to plug away at their regular prison chores, getting time off to attend classes when they are held.

(MORE)

But the Gang is a prestige group of fulltime students, winnowed from applicants by a series of tests and interviews. They follow a course-by-course, quarter-by-quarter study routine just like Joe College on the outside, with no other prison work demands.

As of now, the inmates can take up to 96 quarter hours of credit in extension, but the limit will be lifted and the time may not be far off when a resident program is effected for the prison. That would mean a qualified inmate could complete a whole four year degree sequence behind the walls.

What's been the payoff?

Robert Dreher, a specialist in SIU's Study for the Center of Crime, Delinquency and Corrections, says Menard's "College Gang" alumni have done "a terrific job" on the outside--both in terms of "free community adjustment" and performance on the college campus.

Prison parolee admissions at SIU are running about 20 a year now. Dreher says the majority are more mature, more "settled down," slightly above the student academic average. The prison return rate is way below that for the overall parolee population.

One of the first student parolees came to campus armed with his prison extension credits, jumped into a tough major (microbiology), won a National Science Foundation award, and financed his way to a degree by working in a local scientific instruments plant. He then won a part-time teaching assistantship.

Another completed a master's degree in history, then went on to seek a Ph.D. A 1969 summer graduate will be recognized as a prison parolee by a few persons privy to his past, but the SIU Registrar's Office records will recognize him as one of the brightest graduates in the class.

They don't all succeed, of course. Many who falter have blamed money problems and their own inability to cope with the permissive atmosphere of a university campus.

The percentage of winners, though, seems ample justification for the effort. It was undertaken not with the idea of rehabilitating prisoners, but to do the job that SIU President Delyte W. Morris thinks a university is supposed to do.

As he wrote in an article for the Nebraska Law Review:

"The true index is human concern. In a democracy, the right to share in all benefits by all in society is fundamental....Educational opportunity for all is yet another basic right. Prisons in America lag behind the nation in many things, certainly in educational opportunity. Our belief as educators is that we should seek to remedy this lag--whether it accomplishes measurable rehabilitation or not."

The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a very important document, as it contains the President's message to the Congress at the beginning of his first term. The letter is written in a very formal and dignified style, and it is one of the most important documents in the history of the United States.

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